



# ANNUAL REPORT

ON THE

## HEALTH

OF THE

County Borough of Stockport

FOR THE YEAR 1920.

BY

HERBERT E. CORBIN,

M.R.C.S., L.R.C.P., B.Sc., D.P.H.,

MEDICAL OFFICER OF HEALTH.

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STOCKPORT:

Swain & Co., Ltd., General Printers, King Street East.

## HEALTH COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

THE MAYOR

(Alderman Charles Royle).

ALDERMEN THOMAS ALLCOCK, JOHN BARRODALE, J.P., SAMUEL BREWSTER, HENRY GREEN, WILLIAM E. HAMNETT, GEORGE PADMORE, J.P., AND CHARLES SHARPLES ; COUNCILLORS GEORGE H. BENNETT, JOSEPH BREWSTER, JOHN T. BROCKLEHURST, WILLIAM HAMLETT, MARY J. POTTS, JOSEPH ROGERSON, AND THOMAS WILSON.

MEETS EVERY ALTERNATE MONDAY AT 3 P.M.

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## HOSPITAL SUB-COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

ALDERMEN THOMAS ALLCOCK, JOHN BARRODALE, J.P., SAMUEL BREWSTER, WILLIAM E. HAMNETT, AND CHARLES SHARPLES, AND COUNCILLOR GEORGE H. BENNETT.

MEETINGS—SECOND WEDNESDAY IN EACH MONTH AT 3-30 P.M.

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## SANATORIA SUB-COMMITTEE

AND

## VENEREAL DISEASES SUB-COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

ALDERMEN THOMAS ALLCOCK, HENRY GREEN AND CHARLES SHARPLES, AND COUNCILLOR JOSEPH ROGERSON.

MATERNITY AND CHILD WELFARE COMMITTEE.

Chairman—COUNCILLOR CHARLES WALMSLEY, J.P.

Vice-Chairman—ALDERMAN JOHN W. CRAIG.

THE MAYOR.

ALDERMEN THOMAS ALLCOCK, SAMUEL BREWSTER, HENRY GREEN, ROBERT A. MURRAY, M.D., O.B.E., J.P., SIR THOMAS ROWBOTHAM, J.P., AND CHARLES SHARPLES ; COUNCILLORS WILLIAM HAMLETT, HENRY PATTEN, MARY J. POTTS, JOSEPH ROGERSON AND THOMAS WILSON ; MISS I. RAYNER, J.P., MISS FLORENCE ROWBOTHAM, J.P., MRS. MARY A. BELLAMY, MRS. ALICE N. BUCKLEY, MRS. ALICE A. MICHAELIS, AND MRS. MARY A. SKUSE.

MEETS EACH FOUR WEEKS ON MONDAY AT 4 P.M.

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HOUSING COMMITTEE.

Chairman—COUNCILLOR JOHN COUPE.

Vice-Chairman—COUNCILLOR WILLIAM MERRISON.

THE MAYOR.

ALDERMEN THOMAS ALLCOCK, SAMUEL BREWSTER, WILLIAM E. HAMNETT, ROBERT A. MURRAY, M.D., O.B.E., J.P., GEORGE PADMORE, J.P., SIR THOMAS ROWBOTHAM, J.P., CHARLES SHARPLES, AND WILLIAM THOMAS ; COUNCILLORS ARTHUR DUTTON, ALFRED E. FERNS, ALEXANDER LAING, FREDERICK W. PLANT, J.P., MARY J. POTTS, AND CHARLES WALMSLEY.

MEETS SECOND TUESDAY IN EACH MONTH AT 4 P.M.

## HEALTH DEPARTMENT STAFF.

Food Inspector.....	W. BUTLER*
Factory and Workshop Inspector.....	C. R. BILLINGHAM
District Inspectors	{ .....J. ASHTON*
	.....H. PRICE*
	.....F. MILLS*
	.....P. N. BLOMFIELD*
	(Terminated service Feb. 7th) G. PILKINGTON*
Female Sanitary Inspectors and Health Visitors	{ (Commenced May 1st).....C. S. HANDFORTH*
	.....MISS K. M. JONES*
	.....MISS E. B. SWAN*
	.....MISS E. A. CONWAY**
	.....MISS P. B. LANGMAN**
Tuberculosis Nurses	{ .....MISS J. E. OCKWELL**
	.....MISS A. NETTLETON†
	.....MISS M. M. SMITH**
Ambulance Attendant.....	MISS F. PROBERT**
	J. WEBB

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Shops Act Inspector.....	E. A. HAMBLET
Housing Inspector.....	J. R. BATES
Clerks	{ .....H. BAILEY
	.....A. ROWLAND
Clerk (Dispensary).....	MISS M. JACKSON
	MRS. F. STEAD

---

Public Analyst.....WILLIAM THOMSON, F.I.C., F.C.S., F.R.S. (Edin.)

Deputy Medical Superintendent, Isolation Hospital, and Tuberculosis Hospital.....JAMES WORTHINGTON, L.R.C.P., L.R.C.S.

Deputy Medical Officer of Health, Tuberculosis Officer, and Venereal Diseases Officer. ....ARTHUR G. JENNER, M.R.C.S., L.R.C.P., D.P.H.

Consultant Venereal Diseases Officer :  
W. J. REID, M.D., B.Sc.

Medical Officer of Health ; Medical Superintendent, Corporation Hospitals ;  
Administrative Tuberculosis Officer ; and Medical Officer, Education  
Committee :—

HERBERT E. CORBIN, M.R.C.S., L.R.C.P., B.Sc. D.P.H.

\* Holds Certificate of the Royal Sanitary Institute.

\*\* Trained Nurse and holds C.M.B. Certificate.

† Trained Nurse.

To the  
Worshipful the Mayor, Aldermen and Councillors  
of the County Borough of Stockport.

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MR. MAYOR, MRS. POTTS, AND GENTLEMEN,

I have the honour to submit the Annual Report on the health and sanitary condition of the Borough during the year 1920.

The birth-rate during the year was 22.2 per thousand of the total population, as compared with 15.05 in 1919, and shows a satisfactory recovery from the lowest birth-rate recorded for the Borough, namely, 13.84 in 1918.

The general death-rate was 12.87 per thousand of the population, as compared with 13.33 in 1919. This is the lowest death-rate recorded for the Borough; the previous lowest rate being 13.18 in 1917. The death-rate for England and Wales for the year was 12.4, and that of the average for the 96 Great Towns was 12.5 per thousand.

Both Scarlet Fever and Diphtheria were epidemic in the town during the year, 762 cases of Scarlet Fever and 315 of Diphtheria having been notified. These are the largest numbers of these diseases notified in any one year in the Borough. Fortunately, however, owing to the mild character of the diseases, especially in the case of Scarlet Fever, the number of deaths was low and the mortality-rate not above the average.

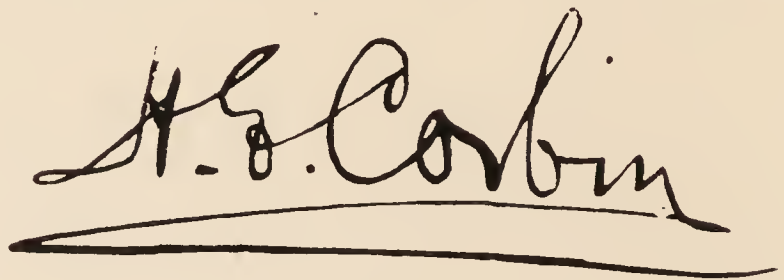
At the beginning of the year a Centre was opened at the Borough Dispensary for the free treatment of Venereal Diseases, and, as will be seen from the tables in the Report, a considerable number of local cases have been dealt with at this Centre as well as at the Treatment Centres under the Manchester Corporation.

In August a Municipal Child Welfare Centre was opened in Great Portwood Street, and the large number of attendances of mothers and babies indicates its value in connection with Child Welfare Work. The thanks of the Maternity and Child Welfare Committee are due to many voluntary lady helpers who attend regularly to assist at the Centre.

I am pleased to be able to record the satisfactory manner in which the staff of the Health Department have carried out their work during the year, and also have to thank the Council and the various Committees for the consideration which I have received from them.

I have the honour to be,

Your obedient Servant,

A handwritten signature in dark ink, reading 'H. S. Corbin'. The signature is written in a cursive style with a long horizontal flourish underneath.

Medical Officer of Health.

PUBLIC HEALTH DEPARTMENT,

TOWN HALL,

STOCKPORT,

21st June, 1921.

# County Borough of Stockport.

## 1920.

### Statistical Memorandum.

	Stockport	England and Wales.	96 Great Towns. (1)	148 Smaller Towns. (2)
<b>Estimated Total Population</b>				
Mid-year, 1920.....	130635	—	—	—
<b>Area in Acres.....</b>	7059	—	—	—
<b>Birth Rate per 1,000.....</b>	22.20	25.4	26.2	24.9
<b>General Death Rate per 1,000</b>	12.87	12.4	12.5	11.3
<b>Deaths of Infants under One</b>				
Year per 1,000 Births...	97	80	85	80
<b>Death Rate from Seven Prin-</b>				
cipal Zymotic Diseases...	0.88	—	—	—
<b>Death Rate from Phthisis</b>				
(Pulmonary Consumption)..	0.94	—	—	—
<b>Death Rate from all other</b>				
Tubercular Diseases.....	0.24	—	—	—

(1) Including London (populations exceeding 50,000 at the Census of 1911).

(2) Populations from 20,000 to 50,000 at the Census of 1911.

### Population.

Last year two separate populations were supplied by the Registrar-General for the death-rate and the birth-rate respectively, owing to the impossibility of accurately transferring all non-civilian deaths to their areas of residence. This year the allowance for non-civilians abroad formerly made when calculating birth-rates has been discontinued in consequence of demobilisation, while that for non-civilians at home is restricted to those areas where the non-civilian population forms an appreciable proportion of the total, and only one estimate, by the Registrar-General, of the population of the Borough is used for the calculation of both the birth-rate and the death-rate.

The estimated population for the middle of 1920 is 130,635.

The Census returns will be published too late for insertion in this Report.

The Census figures on the last five occasions have been as follows :—

<i>Year.</i>	<i>Population.</i>
1871.....	53,001
1881.....	59,553
1891.....	70,263
1901.....	78,897
1911.....	108,693

The area of the Borough is 7,059 acres, and the density of population, as calculated on the estimate of the total population, is 18.5 persons per acre, varying from 102.5 in St. Thomas's Ward to 7.6 in Reddish South Ward.

The number of new houses completed during the year 1920 was 24, as compared to nil during the years 1918 and 1919. Five were erected in 1917, 53 in 1916, 127 in 1915, and 290 in 1914. During the previous five years the number of new houses erected was 2,141. ,

The number of houses in course of building at the end of the year was 101.

Based on the estimate of the Registrar-General and upon figures supplied by the Borough Surveyor relating to the number of houses, an estimate has been made of the various Ward populations, and the following table shows the distribution and density of the population in the various districts :—

<i>Ward.</i>	<i>Acre- age.</i>	<i>Estim- ated total Popu- lation.</i>	<i>Per- sons per Acre.</i>	<i>Ward.</i>	<i>Acre- age.</i>	<i>Estim- ated total Popu- lation.</i>	<i>Per- sons per Acre</i>
Lancashire Hill	145	5860	40.41	St. Thomas's..	53	5435	102.55
Heaton Lane. .	234	6500	27.78	Hempshaw L'e	146	5955	40.78
Old Road.....	114	6260	54.91	Cale Green....	145	6915	47.69
Portwood.....	324	8380	25.86	Heaviley.....	1115	11480	10.29
St. Mary's.....	91	3395	37.31	Reddish North.	786	9710	12.35
Vernon.....	427	6590	15.43	Reddish South	755	5745	7.61
Spring Bank...	81	4515	55.74	Heaton Nor's N	711	5580	7.85
Hollywood.....	346	9180	26.53	Heaton Nor's S	863	6695	7.76
Edgeley.....	331	11100	33.53				
Shaw Heath ..	392	11340	28.93	Whole Borough	7059	130635	18.50

## Natural and Social Conditions of the District.

### PHYSICAL FEATURES.

The rivers Goyt and Tame unite at Tiviot Dale to form the river Mersey, and the Borough is situated on both the Lancashire and Cheshire sides of this river.

**GEOLOGY.**—The solid rocks of the district are Permian Sandstone, Permian Marl, and Pebble Beds, with coal measures underlying glacial drift. The Heaton Norris portion of the Borough largely consists of sand and gravel overlying boulder clay, with pebble beds of the new red sandstone subjacent. Portwood, between the rivers Tame and Goyt, consists of a considerable depth of alluvium overlying the solid Permian Sandstone. The remainder of the district may perhaps be roughly divided into two halves by a line passing from the junction of Lancashire Hill and Sandy Lane, to the junction of Cherry Tree Lane and Wellington Road South. The portion of the Borough lying to the east of this line has for solid rock mainly Permian Sandstone, whilst that lying to the west of it has Trias Sandstone for foundation. Forming as it were the boundary line between these two geological formations is a layer of Permian Marl, which extends in a strip on an average one-sixth of a mile in width between the two points named. Other strips of the same formation, though of slightly less width, run parallel with the above through various portions of the Borough.

### Occupations.

The only figures available with reference to the chief occupations of the inhabitants are those obtained from the census returns of 1911. According to this return there were 34,713 males and 20,766 females engaged in occupations.

The percentage of males aged 10 years and upwards engaged in occupations was 86.34, as compared with 86.56 at the previous Census, while the percentage of females of the same ages engaged in occupations was the same as the previous Census, namely, 44.

The cotton operatives at the Census numbered 4,892 males and 8,020 females. 5,436 of the latter were unmarried, 2,236 married, and 348 widowed.

The number of persons engaged in the hat and cap manufacturing trades was 2,854 males and 1,584 females. Of the females 1,244 were unmarried, 277 married, and 63 widowed.

### Births.

The corrected number of births registered in the Borough during the year was 2,901, of which 1,433 were males and 1,468 females.

The birth-rate per thousand of the population was equal to 22.2, as compared to 15.05, an increase of seven births per thousand of the population, and an increase of 47 per cent. on the birth-rate of last

year, and 60 per cent. over that of 1918, which was the lowest recorded.

Of the 2,901 births, 875 were registered during the first quarter of the year, 780 during the second quarter, 661 in the third quarter, and 585 in the December quarter.

The highest birth-rate occurred in St. Thomas's Ward, namely, 31.28, while the lowest recorded was in Heaton Norris North Ward, namely, 10.21.

Illegitimacy.

During the year 1920 there were 138 illegitimate births registered belonging to the Borough, as compared with 123 in the previous year, giving an illegitimate birth-rate of 47.57 per 1,000 births registered as compared with 62.44 in the previous year.

The infant mortality among these children is approximately double that among children born in wedlock, the illegitimate death-rate being 188 per 1,000 births as compared with 93 per 1,000 among legitimate children.

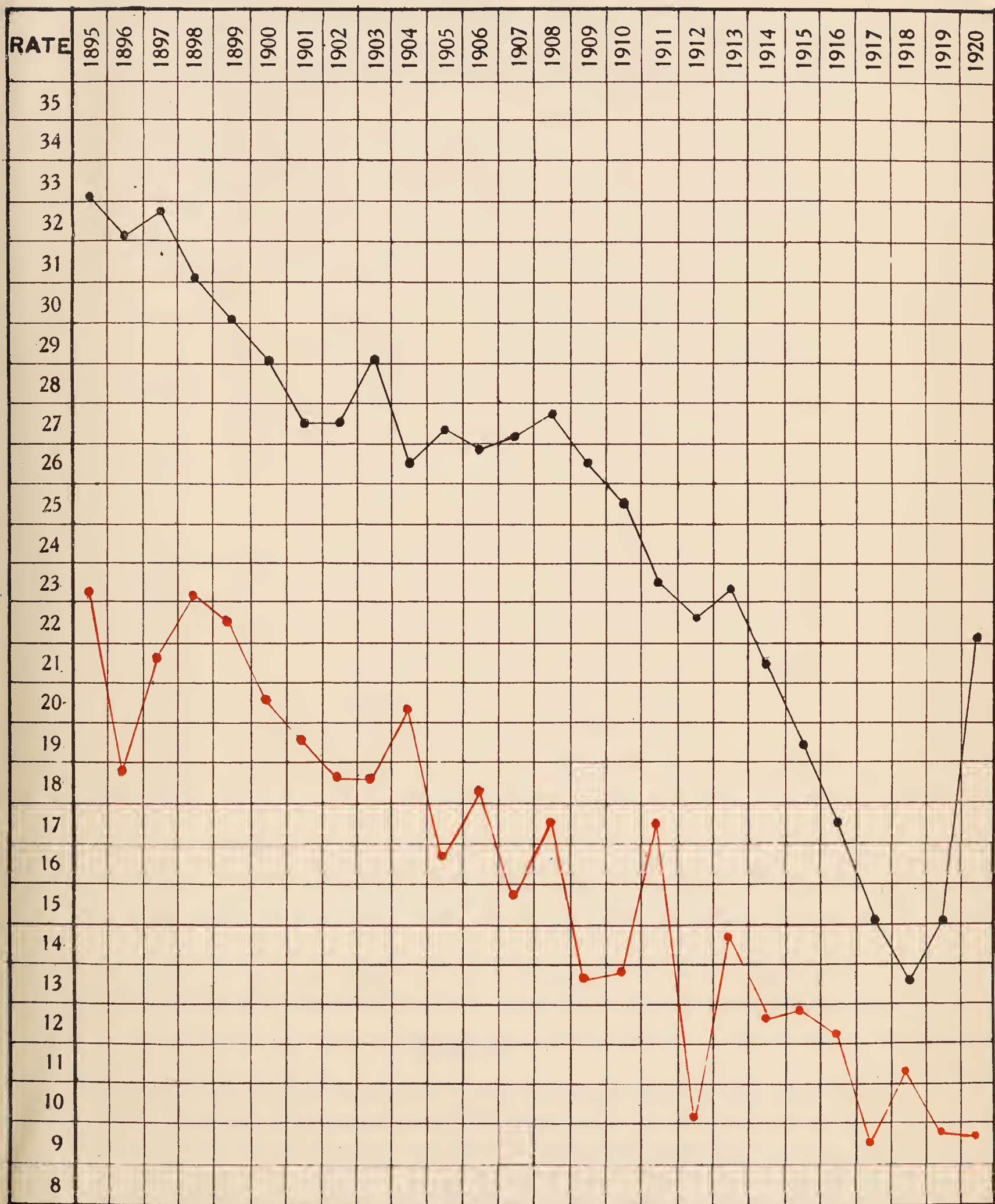
The following table shows the comparison between the death-rates of illegitimate children and others registered in the Borough during the past ten years :—

Year.	Esti- mated popula- tion.	Births.		Illegitimate Births.		Total deaths under 1 year of age.	Infan- tile mor- tality per 1000 births.	Deaths of illegiti- mates under one year of age.	Illegiti- mate infantile mortality per 1000 illegiti- mate births.
		Legit- imate.	Illegit- imate.	to 1000 living.	to 1000 births.				
1911	109090	2446	99	0.91	38.9	438	172.1	30	303.0
1912	110781	2429	91	0.82	36.1	276	109.5	12	131.8
1913	112480	2512	94	0.84	36.07	380	145.8	16	170.2
1914	126040	2628	100	0.79	36.66	339	124.2	13	130.0
1915	126040	2348	87	0.69	35.73	309	127.0	17	195.4
1916	125774	2135	87	0.69	39.15	269	121.0	20	230.0
1917	124761	1797	96	0.77	50.71	181	95.6	20	208.3
1918	129352	1690	100	0.77	55.87	201	112.3	21	210.0
1919	130868	1847	123	0.94	62.44	194	98.5	22	178.8
1920	130635	2763	138	1.05	47.57	282	97.2	26	188.4

Still-Births.

One hundred and fifty-four still-born children were buried within the Borough. This number is obtained from the registers of the various burial grounds. One hundred and forty still births were notified to the Health Department by midwives as occurring within their practice, in accordance with the rule of the Central Midwives' Board.

Chart showing the Annual Birth-rate per thousand of the population  
and the Infant Mortality Rate per cent. of Registered Births,  
for the past 26 years (1895—1920).



Birth-rate indicated by Black lines.  
Infant Mortality Rate indicated by Red lines.



## Marriages.

The number of marriages solemnised during the year was 1,464, as compared with 1,345 in 1919, an increase of 119 over the number in that year. The marriage-rate per thousand persons living, namely, 22.4, is the highest figure recorded for the Borough, the previous record being 20.6 last year. The figure is also in excess of the rate for the country generally, which was 20.1.

Of the 1,464 marriages during the year 814 were solemnised according to the rites of the Established Church, 158 under Roman Catholic rites, 4 at the Jewish Synagogue, 242 according to the rites of other religious denominations, and 246 at the Registrar's Office.

<i>Year.</i>	<i>Number of Marriages.</i>	<i>Rate per 1000 Living.</i>	<i>Rate for England and Wales.</i>
1909	856	16.5	14.6
1910	931	17.7	15.0
1911	939	17.2	15.2
1912	917	16.5	15.5
1913	886	15.7	15.5
1914	1021	16.2	15.9
1915	1175	18.6	19.3
1916	901	14.3	15.4
1917	802	12.8	13.8
1918	883	13.7	15.3
1919	1345	20.6	19.7
1920	1464	22.4	20.1

## Deaths.

The number of deaths recorded in the Borough during the year 1920 was 1681, namely: 835 males and 846 females.

The total number of deaths registered was 1,680 from which number 101, occurring in the Borough of persons resident outside the District, require to be deducted, and 102 of persons resident in Stockport who have died elsewhere, have to be added in order to arrive at the nett number of deaths recorded for Stockport.

The death-rate per thousand of the estimated population of 130,611 was 12.87, as compared with 13.33 during 1919. This is the lowest death-rate recorded for the Borough. The rate recorded for the Great Towns of England and Wales was 12.5.

This low mortality is mainly accounted for by the Infant mortality which was equal to 97.2 per thousand per annum, which approximates the lowest death-rate for infants under one year of age recorded for the Borough, viz., 95.6 in 1917. It is also accounted for by the fact that only 23 deaths were recorded from Influenza and Influenzal Pneumonia during the year, as compared with 124 during 1919 and 351 during 1918.

### COMPARATIVE MORTALITY DURING LAST DECENNIUM.

Herein are set out some of the principal causes of death in the Borough for the past ten years :—

<i>Cause of Death.</i>	<i>Number of Deaths.</i>									
	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
<i>Seven Chief Zymotics.</i>	275	149	197	141	192	172	60	80	40	11
Small pox.....	..	..	..	..	..	..	..	..	..	..
Scarlet Fever.....	4	5	1	6	11	10	2	3	6	..
Diphtheria.....	9	17	14	9	15	11	7	9	9	3
“Fevers”—Typhoid and Continued....	10	5	10	5	8	7	3	1	3	..
Measles.....	34	52	31	27	66	77	17	15	1	4
Whooping Cough....	10	37	13	9	19	24	6	30	8	2
Diarrhœa.....	208	33	128	85	73	43	25	22	13	1
Influenza.....	7	9	19	9	22	18	5	351	124	2
Lung Diseases (includ- ing Phthisis).....	437	487	466	492	584	508	428	503	563	48
Heart Disease.....	226	270	266	264	197	201	184	222	300	29
Injury.....	41	58	48	36	40	51	35	31	48	4

### TABLE SHOWING SUMMARY OF VITAL AND MORTAL STATISTICS FOR THE BOROUGH.

	No. of Deaths
Lung Diseases (excluding Phthisis).....	360
Phthisis.....	123
Other Tubercular Diseases.....	32
Preventible Diseases (excluding Tubercular Diseases).....	157
Diseases of Circulatory System (Heart, &c.).....	296
„ Nervous System.....	75
„ Digestive System.....	88
„ Kidneys.....	49
Debility and Wasting, etc., in Infants.....	34
Old Age.....	67
Cancer.....	163
Accidents.....	45
Suicides.....	4
All other Diseases.....	180

[illegible]

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ALL CAUSES

- 1. General
- 2. Specific
- 3. Infectious
- 4. Non-infectious
- 5. Traumatic
- 6. Toxic
- 7. Nutritional
- 8. Metabolic
- 9. Endocrine
- 10. Hematological
- 11. Immunological
- 12. Genetic
- 13. Neoplastic
- 14. Degenerative
- 15. Vascular
- 16. Respiratory
- 17. Circulatory
- 18. Digestive
- 19. Urinary
- 20. Reproductive
- 21. Musculoskeletal
- 22. Nervous
- 23. Sensory
- 24. Mental
- 25. Miscellaneous

[illegible]

XII - THE HISTORY OF THE ...

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## Deaths in Institutions.

In the various public institutions in Stockport 445 persons died during the year of whom 354 belonged to the town. The Borough deaths have been distributed to the Wards in which the persons were normally resident, as shewn in the following table:—

Ward.	DIED IN.						Total.
	Union Hospital.	Union Workhouse.	Infirmery.	Isolation Hospital.	Other Institutions	Elsewhere.	
Lancashire Hill.....	5	2	1	—	1	—	9
Heaton Lane.....	23	—	4	1	1	—	29
Old Road.....	8	1	3	3	1	—	16
Portwood.....	17	1	5	—	5	—	28
St. Mary's.....	15	—	3	—	3	1	22
Vernon.....	10	2	4	1	3	—	20
Spring Bank.....	18	—	5	1	—	1	25
Hollywood.....	15	1	6	—	2	—	24
Edgeley.....	6	—	7	—	3	—	16
Shaw Heath.....	15	—	7	7	1	—	30
St. Thomas's.....	14	—	4	1	2	—	21
Hempshaw Lane.....	12	7	6	2	1	—	28
Cale Green.....	5	—	12	3	1	—	21
Heaviley.....	6	1	7	1	1	1	17
Reddish North.....	6	1	9	—	2	—	18
Reddish South.....	12	—	4	2	—	—	18
Heaton Norris North....	2	—	1	1	2	—	6
Heaton Norris South....	4	—	—	—	5	1	10
Total Stockport Residents.....	193	16	88	23	34	4	358
Belonging to Out-districts.....	49	6	26	—	10	10	101

The number of deaths which occurred without the district of persons belonging thereto was 102.

<i>Year.</i>	<i>Birth-rate.</i>	<i>Nett Death-rate.</i>	<i>Zymotic Death-rate.</i>	<i>Infant Mortality.</i>
1899	30.28	23.41	4.86	221
1900	29.44	24.46	2.47	203
1901	27.70	21.20	3.28	197
1902	27.59	20.95	2.10	183
1903	29.25	20.08	2.52	184
1904	26.45	21.59	3.33	203
1905	27.13	18.22	2.20	168
1906	26.95	21.07	3.27	186
1907	27.03	19.02	1.76	158
1908	27.94	19.99	2.99	171
1909	26.33	17.96	1.73	132
1910	25.60	17.03	1.63	137
1911	23.33	17.38	2.73	172
1912	22.75	16.02	1.42	109
1913	23.17	16.64	1.85	146
1914	21.64	15.10	1.18	124
1915	19.32	16.69	1.59	127
1916	17.66	15.42	1.49	121
1917	15.17	13.18	0.54	96
1918	13.84	18.29	0.69	112
1919	15.05	13.33	0.32	98
1920	22.20	12.87	0.88	97

## Uncertified Deaths and Inquests.

During the year there were 103 deaths registered in the Borough in which the cause of death was not certified by any medical practitioner. In 102 of these cases an inquest was held, and the verdicts found by the Coroner's juries may be summarised as follows :—

### 1.—NATURAL CAUSES.

Heart Failure.....	3	Peritonitis.....	1
Heart Disease.....	12	Cirrhosis of Liver.....	1
Inanition.....	2	Apoplexy.....	1
Convulsions.....	4	Bronchitis.....	9
Cerebral Hæmorrhage.....	1	Pneumonia.....	5
Nephritis.....	1	Other Natural Causes.....	8

### 2.—BY ACCIDENT OR NEGLIGENCE.

In Vehicular Traffic.....	5	Other Injuries.....	6
On Railway.....	5	Drowning.....	3
Burns and Scalds.....	12	Suffocation.....	1
Falls from a Height.....	6	„ (Overlaying).....	1
Fractures.....	6		

### 3.—SUICIDE.

By Drowning.....	2	By Railway.....	1
„ Poison.....	1		

Table I.—LOCAL GOVERNMENT BOARD RETURN.  
Vital Statistics of whole District during 1920, and previous years.—Name of District, STOCKPORT.

YEAR.	Total Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number.	Nett.		Number.	Rate.	of Non- residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	18
1913	112,480	2612	2606	23.17	1795	15.96	95	65	380	146	1765	15.69
1914	126,040	2725	2728	21.64	1799	14.27	99	98	339	124	1798	14.26
1915	126,040	2429	2435	19.32	2028	16.89	111	86	309	127	2003	16.69
1916	125,774	2217	2222	17.66	1795	15.53	98	86	269	121	1783	15.42
1917	124,761	1882	1893	15.17	1477	13.19	77	75	181	96	1475	13.18
1918	129,352	1780	1790	13.84	2115	18.32	100	96	201	112	2111	18.29
1919	130,868	1956	1970	15.05	1694	13.48	111	92	194	98	1675	13.33
1920	130,635	2888	2901	22.20	1680	12.86	101	102	282	97	1681	12.87

Total population at all ages, 119,933 at Census of 1911. Area of District in acres (land and inland water), 7,059.  
Total families or separate occupiers, 28,173, at Census of 1911.

# SUMMARY OF THE VITAL AND MORTAL STATISTICS OF THE BOROUGH AND EACH OF ITS WARDS FOR THE YEAR 1920.

WARD	Acreage.	Estima- ted Popula- tion.	Persons per acre.	No. of Births registered.	Birth rate.	Nett deaths †	Nett Death rate.	No. of de'ths under 1 year of age *	Infant mor- tality rate per 1000 births.	No. of de'ths from 7 prin- cipal Zy- motic dis- eases† *	Zymotic Death rate per 1000.	Zymotic death rate per 1000 (exclud- ing Diar- rhœa)	No. of de'ths from Diar- rhœa. *	Death rate from Diar- rhœa per 1000.	No. of de'ths from P'thi- sis. †	Death rate from Phthisis per 1000.	No. of de'ths from other Tub'er- cular dis- eases *	Death rate from other Tub'er- cular diseases per 1000.	No. of de'ths from Other Lung Dis- eases. *	Death rate from Other Lung Diseases per 1000.
LANCASHIRE HILL	145	5,860	40.41	M. 68 F. 68 136	23.21	70	11.94	12	88	4	0.68	0.51	1	0.17	8	1.37	1	0.17	17	2.90
HEATON LANE	234	6,500	27.78	M. 84 F. 86 170	26.15	92	14.15	17	100	9	1.38	1.23	1	0.15	7	1.08	1	0.15	27	4.15
OLD ROAD	114	6,260	54.91	M. 96 F. 89 185	29.55	100	15.97	21	114	8	1.28	1.28	...	...	5	0.80	2	0.32	28	4.47
PORTWOOD	324	8,380	25.86	M. 117 F. 105 222	26.49	125	14.92	24	108	14	1.67	1.67	...	...	12	1.43	2	0.24	28	3.34
ST. MARY'S	91	3,395	37.31	M. 37 F. 35 72	21.21	58	17.08	9	125	5	1.47	1.47	...	...	6	1.77	...	...	10	2.94
VERNON	427	6,590	15.43	M. 78 F. 92 170	25.79	88	13.35	20	118	7	1.06	0.91	1	0.15	6	0.91	2	0.30	18	2.73
SPRING BANK	81	4,515	55.74	M. 58 F. 57 115	25.47	78	17.28	21	183	9	1.99	1.99	...	...	4	0.89	2	0.44	15	3.32
HOLLYWOOD...	346	9,180	26.53	M. 110 F. 122 232	25.27	122	13.29	22	95	7	0.76	0.76	...	...	11	1.20	8	0.87	22	2.40
EDGELEY	331	11,100	33.53	M. 106 F. 101 207	18.65	129	11.62	12	58	3	0.27	0.27	...	...	12	1.08	4	0.36	22	1.98
SHAW HEATH	392	11,340	28.93	M. 106 F. 108 214	18.87	117	10.31	17	79	14	1.23	1.15	1	0.09	6	0.53	1	0.09	27	2.38
ST. THOMAS'S	53	5,435	102.55	M. 74 F. 96 170	31.28	87	16.01	23	135	6	1.10	1.10	...	...	8	1.47	...	...	24	4.41
HEMPSHAW LANE	146	5,955	40.78	M. 70 F. 73 143	24.01	89	14.95	16	112	3	0.50	0.50	...	...	7	1.18	1	0.17	18	3.02
CALE GREEN	145	6,915	47.69	M. 46 F. 71 117	16.92	78	11.28	6	51	5	0.72	0.72	...	...	7	1.01	2	0.29	15	2.17
HEAVILEY	1115	11,480	10.29	M. 117 F. 120 237	20.64	134	11.67	16	68	6	0.52	0.43	1	0.09	10	0.87	3	0.26	28	2.44
REDDISH NORTH...	786	9,710	12.35	M. 122 F. 94 216	22.24	111	11.43	20	93	2	0.21	0.10	1	0.10	5	0.51	...	...	26	2.63
REDDISH SOUTH...	755	5,745	7.61	M. 66 F. 73 139	24.19	71	12.36	15	108	8	1.39	1.22	1	0.17	4	0.70	1	0.17	13	2.26
HEATON NORRIS N.	711	5,580	7.85	M. 32 F. 25 57	10.21	65	11.65	8	140	5	0.90	0.36	3	0.54	2	0.36	1	0.18	13	2.33
HEATON NORRIS S.	863	6,695	7.76	M. 46 F. 53 99	14.78	67	10.01	3	30	...	...	...	...	...	3	0.45	1	0.15	9	1.34
STOCKPORT BOROUGH	7059	130635	18.50	M. 1433 F. 1468 2901	22.20	M 835 F 846 *1681	12.87	M 166 F 116 282	97.2	M 50 F 65 115	0.88	0.80	M 6 F 4 10	0.08	M 56 F 67 123	0.94	M 16 F 16 32	0.24	M 197 F 163 360	2.76

\* Deaths of Stockport residents in the Union Hospital, Union Workhouse, Infirmary, and Isolation Hospital are here referred to the Wards in which they lived. Deaths within the Borough of Non-residents from out-townships are excluded.

† The "Seven Principal Zymotic Diseases" are Smallpox, Measles, Scarlet Fever, Diphtheria and Membranous Croup, Whooping Cough, Fever (typhus, typhoid, and continued), and Diarrhœa. ‡ Registrar General's estimate. \* Not including Military Deaths (4).



## Mortality in Different Wards.

THE CORRECTED NETT DEATH-RATE for the Borough as a whole was 12.87 per thousand of the estimated civil population. The highest Ward death-rate occurred in Spring Bank Ward, namely, 17.28, whilst the lowest was in Heaton Norris South Ward, namely, 10.01. Shaw Heath Ward also had a low death-rate of 10.3, whilst those of St. Mary's and St. Thomas's Wards were high, namely, 17.08 and 16.01 respectively.

THE ZYMOTIC DEATH-RATE for the whole Borough was .88, as compared with .32 last year. This rate is calculated on the number of deaths from the following diseases:—Smallpox, measles, scarlet fever, diphtheria and membranous croup, whooping cough, typhoid fever, and diarrhoea. The increase in this rate is due to deaths from measles, whooping cough, and diphtheria, which accounted for 41, 25, and 30 deaths respectively. The total number of deaths due to these diseases was 115, as compared with 40 in 1919 and 80 in 1918. The Wards in which the highest Zymotic death-rates occurred were Portwood and Shaw Heath, in each of which Wards there were 14 deaths respectively. 10 deaths from measles occurred in Portwood Ward and 8 deaths from diphtheria in Cale Green Ward.

PHTHISIS DEATH-RATE.—The death-rate from pulmonary tuberculosis or consumption of the lungs for the whole of the Borough was 0.94 per 1,000, as compared with 0.85 in 1919, and 1.23 in 1918. The total number of deaths recorded from this disease was 123, an increase of 16 deaths from the figures of last year.

The highest Ward death-rates occurred in St. Mary's Ward (1.77), St. Thomas's Ward (1.47), and Portwood Ward (1.43).

## Sanitary Circumstances of the District.

### Water Supply.

The average daily consumption of water for the whole of Stockport area during the year 1920 was 5,658,000 gallons.

The sources of supply are from the reservoirs in Lyme Park, Disley; Kinder, and Longdendale—the latter being supplied by the Manchester Corporation—and also from the two bore-holes at Wilmslow.

The water is periodically analyzed, and has always been found satisfactory.

Arrangements have been made to supplement the water supply of the Heaton Norris district with water from Kinder. Hitherto the entire supply of this district was provided by the Manchester Corpora-

tion from Longdendale, consisting of upwards of 1,000,000 gallons per day, and during certain hours of the day the pressure became insufficient to supply the needs of the district. Since this has been supplemented by Kinder water the district has been amply supplied.

**Drainage and Sewerage.**

The Borough is supplied with an adequate sewerage system. Practically the whole of the area is sewered, and the sewage is disposed of at the Farm by precipitation, land filtration, and by means of an automatic sprinkler.

During the year 177 lineal yards of sewers were laid.

**Scavenging.**

The scavenging of the town is carried out entirely by the Cleansing Department of the Corporation.

House refuse is removed weekly, and in the relatively few cases where privy middens are still in existence combined with ashpits these are emptied at varying intervals according to the needs of the case.

The refuse is carted to the tips, of which there are seven in use for this purpose.

Detailed inquiry into the existing sanitary accommodation has been made in each district, and the information given in the following table has been obtained:—

**EXISTING SANITARY ACCOMMODATION.**

<i>Dis- tricts.</i>	<i>No. of Privy Seats.</i>	<i>No. of Privy Ashpits.</i>	<i>No. of Separate Ashpits.</i>	<i>No. of Waste Water Closets.</i>	<i>No. of Pails.</i>	<i>Satis- factory Water Closets.</i>
No. 1	392	202	239	86	91	
„ 2	448	248	345	81	8	
„ 3	801	491	585	456	8	
„ 4	277	153	289	131	21	
„ 5	156	94	324	31	15	
Total...	2074	1188	1782	785	143	23,139

### Conversion of Privy Middens.

A considerable advance in the conversion of privy middens into water-closets has been accomplished during the year, 328 privy middens and pails having been abolished and water-closets provided, as compared with 32 in 1919, and only one in the previous year.

Owing to the cost of materials and labour there is still considerable difficulty in dealing with these matters, but property owners are beginning to realise that it is essential in the interests of their tenants, as well as of public health, that the abolition of middens and ashpits must be carried out.

55 ashpits have been abolished and 141 dustbins provided in lieu of them.

Apart from ashpits and middens being breeding places for flies, they are imminently dangerous to the health of the occupants of houses in the immediate neighbourhood during the season in which the housefly is prevalent.

The following table gives the details in connection with this work :—

CONVERSIONS, ADDITIONAL WATER-CLOSETS, &c., PROVIDED DURING 1920.

District.	YEAR 1920.						
	Privies converted to W.C.'s.	Addi- tional W.C.'s provided.	Pail Closets converted into W.C.'s.	Waste Water Closets converted into W.C.'s.	Privies and Privy Middens abolished.	Dustbins provided where Middens abolished.	Ashpits abolished.
No. 1.....	38	—	19	—	74	41	12
No. 2.....	65	16	1	1	105	81	17
No. 3.....	119	4	2	—	186	126	7
No. 4.....	84	7	—	6	130	95	16
No. 5.....	—	5	—	—	3	2	3
Total.....	306	32	22	7	498	345	55
							141

## District Sanitary Inspectors' Work.

The area of the Borough is divided into five districts as follows with a Sanitary Inspector appointed to each :—

- No. 1 District, consisting of Reddish North, Reddish South, Lancashire Hill and Old Road Wards.
- No. 2 District, consisting of Heaton Lane, Portwood, St. Mary's Spring Bank, and St. Thomas's Wards.
- No. 3 District, consisting of Hollywood, Edgeley, Shaw Heath, and Cale Green Wards.
- No. 4 District, consisting of Vernon, Hempshaw Lane, and Heaviley Wards.
- No. 5 District, consisting of Heaton Norris North and Heaton Norris South Wards.

The principal duties of the Sanitary Inspector consist of the routine visitation of all courts, yards, and passages within his District, of privy middens and work in connection with the conversion of these into water-closets, as well as the supervision of water-closets in the districts of the town where these conveniences are improperly used. Many tenants, through carelessness or improper use, are continually causing nuisance and annoyance, and supervision is constantly required.

The Sanitary Inspectors' visits are also of importance as a means of impressing upon the more careless inhabitants of the poorer districts the necessity of cleanliness both in and around their dwelling-houses, and of insisting on the removal of all offensive accumulations which tend to breed flies and harbour vermin.

In addition to these duties the Sanitary Inspectors carry out the work of disinfecting any premises in which cases of notifiable diseases have occurred, and superintending the removal of bedding and other infected articles to hospital for disinfection. They also carry out the necessary enquiries in cases of infectious disease.

During the year 1,547 dwelling-houses were inspected and 777 re-visits made in connection with these. In 189 cases repairs of a minor character, which would not come under the Housing Acts, were carried out under supervision, and in 19 cases cleansing, limewashing, or repapering was required.

926 visits were made in connection with privy middens, and 1,845 re-inspections in connection with the emptying and cleansing of privy middens, as well as the inspection of work in connection with the conversion of water-closets.

1,229 visits were made in connection with enquiries into infectious diseases, of which 62 were cases notified under The Public Health (Pneumonia, Malaria, Dysentery, Etc.) Regulations, 1919.

**The following is a Summary of the Work carried out by the District  
Inspectors during the Year :—**

	DISTRICTS.					<i>Total.</i>
	No. 1	No. 2	No. 3	No. 4	No. 5	
<b>SPECIAL COMPLAINTS RECEIVED.....</b>	31	31	33	20	23	138
<b>INSPECTIONS MADE :—</b>						
Dwelling-houses.....	339	350	431	270	157	1547
Re-visits to dwelling-houses.....	67	222	141	186	161	777
Male Outworkers.....	2	7	2	2	—	13
Courts and Yards.....	342	1194	792	837	275	3440
Privy Middens.....	287	62	315	174	88	926
Re-inspections to Privy Middens and work in progress respecting Conversions.....	190	461	422	740	32	1845
Dry Ashpits.....	39	42	73	165	26	375
Drainage.....	517	693	439	509	192	2350
Water Closet Inspections.....	560	1034	541	907	251	3093
Water Courses.....	22	—	8	14	30	74
Picture Houses.....	55	130	36	—	—	221
Miscellaneous.....	1160	1045	433	280	387	3305
Interviews with Owners, Contractors, etc., re Sanitary Alterations.....	125	304	219	171	94	913
<b>INFECTIOUS DISEASE :—</b>						
Cases inquired into.....	280	165	382	192	146	1165
Cases removed to Hospital.....	189	105	241	104	61	673
Houses Disinfected.....	261	165	363	164	139	1092
Schools and other Public Institutions Disinfected.....	—	—	—	—	—	—
Out District Disinfections .....	—	—	—	—	—	44
Re-visits to Cases isolated at home.....	210	226	513	156	279	1384
Malaria cases inquired into .....	1	7	3	4	5	20
Dysentery cases inquired into.....	—	—	1	1	—	2
Trench Fever cases inquired into.....	—	—	—	—	—	—
Pneumonia cases inquired into.....	12	5	15	6	2	40
Cerebro-Spinal Fever cases inquired into	—	—	—	—	—	—
<b>PRIVIES, WATER CLOSETS, ETC :—</b>						
Pails Renewed.....	29	—	—	—	—	29
Privies converted into Water Closets.....	38	65	119	84	—	306
Pail Closets converted into Water Closets..	19	1	2	—	—	22
Waste Water Closets converted into Fresh Water Closets.....	—	1	—	6	—	7
Additional Water Closets provided.....	—	16	4	7	5	32
Dustbins provided where Middens abolished.....	41	81	126	95	2	345
Dustbins provided where Ashpits abolished .....	19	52	20	46	4	141
Dustbins renewed.....	136	401	98	96	34	465
Ashpits abolished.....	12	17	7	16	3	65
Water Closets cleansed (by Owners).....	48	62	45	56	2	213
Water Closets cleansed (by Occupiers)....	4	11	—	12	—	27
Water Closet Basins or Pedestals renewed.	20	25	39	30	8	122

	DISTRICTS.					<i>Total.</i>
	No. 1	No. 2	No. 3	No. 4	No. 5	
Water Closet Connections repaired.....	11	34	32	33	3	113
Water Supply Pipes or Cisterns to Water Closets repaired.....	17	118	25	55	6	221
Water Courses Cleansed.....	—	—	1	—	—	1
Houses Cleansed, Re-papered, or Lime-washed.....	4	3	2	7	3	19
Houses Repaired.....	35	69	25	34	26	189
Overcrowding Abated.....	—	—	—	—	—	—
Sink Waste Pipes Renewed or Repaired..	42	65	26	49	32	214
Downspouts or Eaves Gutters Renewed or Repaired.....	107	301	314	135	98	955
House Drains Tested.....	1	11	3	14	1	30
Houses Provided with Water Supply ...	—	—	—	—	—	—
House Drains and Drains to Water Closets Reconstructed or Repaired.....	87	353	186	139	43	808
New Gully Traps Fixed.....	47	87	71	80	14	299
Soilpipes and Ventilating Shafts Erected.	12	32	28	22	5	99
Yards, Courts or Passages Drained or Drains Repaired.....	39	112	118	187	11	467
Yards, Courts or Passages Paved or Repaired.....	48	239	163	161	32	643
Yards, Courts or Passages Cleansed by Occupiers.....	2	21	—	6	—	29
Animals Improperly Kept—Removed....	7	4	—	6	—	17
Accumulations Removed.....	13	19	22	6	4	64
Manure Pits Provided or Repaired.....	—	2	—	2	—	4
Manure Pits Abolished.....	1	2	—	—	—	3
Notices (Informal) Served.....	285	338	301	139	79	1142
Miscellaneous Nuisances.....	61	40	62	33	64	260

The following Table gives the Statutory Notices served during the year in respect of the Districts :—

<i>Notice.</i>	<i>Dist. No. 1.</i>	<i>Dist. No. 2.</i>	<i>Dist. No. 3.</i>	<i>Dist. No. 4.</i>	<i>Dist. No. 5.</i>	<i>Total.</i>
Section 36, Public Health Act, 1875.....	1	2	8	11	—	22
Section 94, Public Health Act, 1875.....	12	7	4	5	1	29
Section 25, Stockport Corporation Act, 1905 .....	19	4	15	11	—	49
Section 58, Stockport Corporation Act, 1899 ; and Section 23, Stockport Corporation Act, 1905.....	3	—	5	—	1	9

Factory and Workshop Act, 1901.

Thirty notices were received from H.M. Inspector of Factories in respect of the following matters ;

Unsuitable and Defective Sanitary Accommodation.....	5
Insufficient Sanitary Accommodation.....	6
Accommodation not separate for sexes.....	3
Defective Ventilation.....	12
Limewashing W.C's.....	1
Lighting insufficient.....	3

All these notices were at once attended to and the required work carried out.

Within the Borough there are 691 workshops and workplaces, including 94 bakers and confectioners. 625 visits have been made during the year to these workshops, special attention being paid to the cleansing, lime-washing and ventilation.

The following is a list of the workshops in the Borough :—

Coopers.....	2	Cabinet Makers and Up-	
Dressmakers.....	143	holsterers.....	24
Milliners.....	21	Straw Hat Maker.....	1
Boxmakers.....	3	Blindmakers.....	8
Shirtmakers.....	9	Organ Builder.....	1
Tailors.....	80	Feather Curlers.....	5
Paperbag Makers.....	3	Printers.....	14
Shoemakers.....	60	Curriers.....	4
Cloggers.....	18	Ropemakers.....	5
Tinplate Workers.....	11	Bakers and Confectioners....	94
Blacksmiths.....	10	Dyers and Cleaners.....	3
Brushmakers.....	3	Restaurants.....	12
Coachmakers.....	3	Coffee Roaster.....	1
Saddlers.....	12	Electrical Engineers.....	3
Joiners and Builders.....	47	Photographers.....	7
Waste Dealers.....	9	Glovemaker.....	1
Wheelwrights.....	10	Casemakers.....	3
Filecutter.....	1	Stain Glass Works.....	1
Skipmakers.....	4	Bleach Works.....	4
Mews.....	4	Laundries.....	13
Cycle Makers.....	3	Motor and Cycle Garages...	10
Hat Leather Makers.....	4	Biscuit Works.....	1
Cocoa Works.....	1		
Lathcutter.....	1		691
Hat Body Makers.....	14		

In the following table the details of the work done in the inspection of factories and workshops are set out :—

## 1.—INSPECTION.

<i>Premises.</i>	<i>No. of Inspections</i>	<i>Written Notices.</i>
Factories (including factory laundries).....	30	—
Workshops (including workshop laundries) .....	595	—
Workplaces.....	—	—
Total.....	625	—

## 2.—DEFECTS.

## NUISANCES UNDER PUBLIC HEALTH ACTS.

	<i>No. of Defects. Found.</i>	<i>Remedied.</i>
Want of cleanliness.....	1	1
Want of ventilation.....	12	12
Overcrowding.....	—	—
Want of drainage of floors.....	—	—
Other nuisances.....	—	—
Sanitary accommodation insufficient.....	6	6
„          „          unsuitable or defective....	8	8
„          „          not separate for sexes....	3	3
Offences under Factory and Workshop Act :—		
Illegal occupation of underground bakehouses.....	—	—
Breach of special sanitary requirements for bake- houses.....	—	—
Other offences.....	—	—
Total.....	30	30

3.—HOME WORK.

Nature of Work.	Outworkers' List. Section 107.							Outwork in unwholesome Premises, Section 108.		
	Lists received from Employers.			Number of Addresses of Out-workers received from other Councils.	Number of Addresses of Out-workers forwarded to other Councils.	Instances.	Notices served.	Prosecutions.		
	Twice in the Year.		Once in the Year.							
	Out-workers		Out-workers							
	Lists.	Con-tractors	Work-men						Lists.	Con-tractors
Wearing Apparel :—										
(1) Making, etc...	32	23	197	5	...	68	78	62	..	..

Number of Inspections of Outworkers' Premises.....198

## 4.—REGISTERED WORKSHOPS.

<i>Workshops on the Register at the end of the year (s. 131).</i>	<i>Number.</i>
Workshops.....	597
Bakehouses (including 2 underground).....	94
Workshops (domestic).....	—
Total number of workshops on register.....	691

## 5.—OTHER MATTERS.

<i>Class (1).</i>	<i>Number. (2). 3</i>
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133).....	—
Notified by H.M. Inspector.....	30
Reports (of action taken) sent to H.M. Inspector.....	—
Underground bakehouses (s. 101) :—	
Certificates granted during the year.....	—
In use at the end of the year.....	2

Female Outworkers.		Male Out-workers.	
NATURE OF WORK.	NO.	NATURE OF WORK.	NO.
Hat Trimming.....	59	Planking.....	4
Shirt Making.....	5	Boot and Shoe Repairing.....	4
Tailoring.....	1	Tailoring.....	4
Children's Clothing.....	6		
Woollen Hosiery .....	1		—
Bag Making.....	1		12
Embroidery.....	2		—
	75		

Smoke Observations.

During the year 134 observations of smoke emission from factories have been taken.

Thirty-four observations of smoke from railway engines during shunting operations were taken at the following places :—Adswood Sidings, Edgeley Station, Tiviot Dale Station, George’s Road Sidings, Sparth Lane Sidings, and Jubilee Sidings, and in no case was it necessary to take action.

The following is a list of the different apparatus used in the Borough :—

Hollingdrake’s Hollow Bar.	Davidson’s Sirocco Fan.
Needham’s Patent Fire Bar.	McConnell’s Automatic Air
Swindells’ Air Bar.	Regulator.
Eadie’s Hollow Bar.	The Auto Stoker.
Green’s Economiser.	Sutcliffe’s Fan.
Proctor’s Mechanical Stoker.	Thornton’s Smoke Consumer.
Spider Draught.	

The following is a list of the cases in which black smoke was emitted from chimneys belonging to factories, etc., the figures indicating the number of minutes of black smoke emitted in an observation of two hours. Letters were sent to the owners requiring them to abate the nuisance ; further observations were taken and the results shewed an improvement :—

No.	Blk.	Mod.	No.	Blk.	Mod.	No.	Blk.	Mod.		
13	17	101	..	49	9	72	..	77	12	93
15	7	57	..	50	7	23	..	78	8	42
19	8	70	..	53	9	68	..	81	7	47
21	9	57	..	55	14	59	..	83	11	35
37	8	93	..	63	10	56	..	84	20	48
43	13	52	..	66	7	66	..	116	8	55
47	10	48	..	73	8	36	..			

Common Lodging Houses.

There are 9 registered lodging houses in the Borough, and these have been regularly visited both by day and night. There were 540 visits paid during the daytime and 84 during the night.

The following is a list of the registered common lodging houses in the Borough, together with the registered number of lodgers, rooms, and cubic space per person :—

## REGISTERED COMMON LODGING HOUSES.

<i>No.</i>	<i>Address</i>	<i>Regis- tered No. of Lodgers.</i>	<i>No. of Rooms.</i>	<i>Average cubic capacity per person.</i>
1	1, Adlington Square (Kershaw).....	61	5	408
2	2, Adlington Square (Kershaw).....	22	7	462
3	23, Higher Hillgate (Graycon) .....	64	13	410
4	Canal Street (Molyneux).....	85	5	411
5	16, Ridgway Lane (Young) .....	55	5	406
6	19, Canal Street (Nutter).....	41	10	420
7	3, Adlington Square (King).....	8	3	450
8	9, Great Egerton Street (Richards)...	85	3	436
9	26, St. Thomas's Place.....	24	8	447

**Bakehouses.**

492 visits were paid to bakehouses during the year. The premises were found generally in a good condition as to cleanliness.

There remain only two underground bakehouses in the Borough.

Eighteen visits were paid to restaurants during the year and these were also found in a satisfactory condition.

**Offensive Trades.**

There are in the Borough 23 premises in which one or other offensive trades are carried out :—

Tripe Boilers.....	11
Oil Refiners.....	3
Tallow Melters.....	2
Leather Dressers.....	4
Soap Maker.....	1
Bird-lime Makers.....	2

363 visits have been made during the year. The tripe boiling premises require constant supervision, and they have been regularly visited during the business hours both day and night. The premises were found to be clean and well kept, and the trades carried on in such a manner as to avoid a nuisance.

**Fairs and Wakes. Travelling Vans.**

In connection with Fairs, every caravan used as a dwelling-house was inspected and in all cases the vans were found to be in a clean condition, and no sickness was discovered.

**Shops Acts.**

The number of shops on the register on the 31st Decemter, 1920, was 3,712.

The closing of shops is still regulated by the Early Closing of Shops Order under the Defence of the Realm Regulations of 1917.

During the year an application was made by the Butchers in the town for a revised Order, but as this did not comply with the provisions of the Defence of the Realm Regulations it was not proceeded with ; a new application has recently been made and an Order is at the present time being put into effect.

**Summary of Work of Shops Inspector.**

Special calls re closing day notices.....	20
Change of Occupiers.....	345
New Businesses.....	78
Number of visits to shops interviewing assistants respecting observance of meal-times and half-holidays.....	539
Number of visits on early closing days.....	4176
Number of visits under the Early Closing Order, 1917.....	371
Reported to Medical Officer of Health.....	6
Number of Convictions.....	5

**Poisons and Pharmacy Act.**

One renewal of licence was granted during the year to a seed merchant to sell poisonous substances to which Section 2 of the Poisons and Pharmacy Act, 1908, applies, for use exclusively in connection with agriculture and horticulture, subject to his complying with the provisions of the Arsenic Act, 1851, the Pharmacy Act, 1868, and the Regulations made by Order in Council under the Poisons and Pharmacy Act of 1908.

By an Order of the Local Government Board, dated the 10th day of November, 1911, it is compulsory for a person in the employment of a person who has obtained a licence under Section 2 of the Poisons and Pharmacy Act, 1908, to be registered. One person was registered under this Order during the year.

**Rag Flock Act.**

No samples were taken during the year.

## **Milk Supply.**

The greater part of the milk supplied to Stockport comes from farms in Cheshire and is generally of very good quality.

239 samples of milk were taken during the year of which 6 were found to be adulterated.

A sterilized milk depot was established in the town as a private undertaking during the year. This depot has already a very large daily delivery of sterilized milk, either directly to the consumer or through the milk vendors. It is under the supervision of the Local Authority and the samples which have been analysed, both chemically and bacteriologically, were found to be satisfactory.

## **Milk and Cream Regulations, 1912 and 1917.**

These Regulations make it an offence to sell cream containing preservative unless the jar or bottle containing the Cream has a label attached declaring the amount of preservative, and in addition stating that the Cream is not suitable for infants and invalids.

There are no premises in the Borough where cream is prepared, and bottled for sale. Two samples of cream were taken during the year, which came within the prescribed limits as regard preservatives.

## **Milk (Mothers and Children) Order, 1919.**

On page 63 is found a statement of the administration of the Milk (Mothers and Children) Order, 1918, with details as to the quantity of milk or dried milk supplied to children under five years of age, and to expectant and nursing mothers, in necessitous cases, either free or at less than cost price.

## **Sale of Food and Drugs Acts.**

Eight samples have been found to be adulterated as compared with 19 in the previous year.

The percentage of the total samples analysed which were found to be adulterated was 2.2, being a lower percentage than in any previous year. This is very largely accounted for by the very small amount of adulteration found among the milk samples taken, namely, 2.5. The previous lowest figure being 5.04 in 1915.

Of the 360 samples submitted for analysis, 239 were samples of milk, and of these 6 were found to be adulterated.

The following tables show the percentage of adulteration, as compared with other years and the Analyst's reports thereon :—

### Analysis of Food and Drugs.

<i>Articles Analysed.</i>	<i>Number Analysed.</i>	<i>Result of Analysis.</i>		<i>Extent of Adulteration.</i>	<i>Action Taken.</i>
		<i>Genuine.</i>	<i>Adulterated.</i>		
				FORMAL SAMPLES.	
Milk.....	233	227	6	8.0 % deficient in milk fat	Prosecuted.
				5.7 %           ,,	
				4.9 % added water	
				2.8 %           ,,	
				1.9 %           ,,	
				1.4 %           ,,	
Butter.....	6	6	—		
Malt Vinegar....	6	6	—		
Sausage.....	6	6	—		
				INFORMAL SAMPLES.	
Milk.....	6	6	—		
Butter.....	23	22	1	1.8 % excess water	
Margarine.....	18	18	—		
Lard.....	20	20	—		
Coffee.....	23	22	1	5.0 % of chicory	
Pepper.....	14	14	—		
Preserved Cream	2	2	—		
Cream Powder..	1	1	—		
Apple Pulp.....	1	1	—		
Apple Pastry....	1	1	—		
Totals.....	360	352	8	See Table of Legal Proceedings on page 34.	

The following tables show the percentage of adulteration compared with previous years :—

<i>Year.</i>	<i>Total Samples analysed.</i>		<i>Adulterated.</i>		<i>Percentage adulteration.</i>
1907	..	304	..	13	4.27
1908	..	303	..	23	7.6
1909	..	305	..	17	5.57
1910	..	305	..	24	7.87
1911	..	324	..	34	10.5
1912	..	330	..	25	7.6
1913	..	334	..	38	11.38
1914	..	400	..	46	11.5
1915	..	401	..	20	4.99
1916	..	401	..	25	6.23
1917	..	386	..	29	7.5
1918	..	362	..	24	6.63
1919	..	359	..	19	5.29
1920	..	360	..	8	2.22

Analysis of *milk samples* compared with previous years :—

<i>Year.</i>	<i>Total Samples analysed.</i>		<i>Adulterated.</i>		<i>Percentage adulteration.</i>
1907	..	135	..	9	6.67
1908	..	160	..	17	10.63
1909	..	164	..	14	8.54
1910	..	203	..	21	10.34
1911	..	208	..	27	12.98
1912	..	158	..	15	9.50
1913	..	168	..	22	13.09
1914	..	192	..	32	16.66
1915	..	238	..	12	5.04
1916	..	245	..	23	9.39
1917	..	261	..	29	11.1
1918	..	257	..	22	8.56
1919	..	269	..	17	6.32
1920	..	239	..	6	2.51

## Legal Proceedings during the Year 1920.

OFFENCE.	RESULT.	FINE.
SELLING ADULTERATED MILK :—		
4.9% added water.....	Convicted	£2 and Analyst's fee.
Selling Milk 8.0 deficient in fat.....	„	10/- & Analyst's & witnesses' fees.
Offence against the Public Health Act, 1875, Sec. 91-94 :—		
(Non - compliance with Statutory notice to repair or renew downspouts and sink waste pipes and cleanse W.C. and gully trap).....	Withdrawn	Costs (Guarantee given that work will be completed as soon as possible after delivery of materials).
Offence against the Public Health Act, 1875, Sec. 91-94 :—		
(Non - compliance with Statutory notice to repair yard surface and demolish ashpit).....	„	Costs. (Guarantee given that work will be completed as soon as labour is procurable).
Offence against the Stockport Corporation Act, 1905, Sec. 25 :—		
(Non - compliance with Statutory notice to provide dustbins.....	„	Costs.
Do.....	„	Costs.
Offence against Shops Early Closing Order, 1917 :.....	Convicted.	10/-
Do.....	„	10/-
Do.....	„	10/-
Do.....	„	10/-
Do.....	„	10/-

## Ice Cream Vendors.

The manufacture of this commodity was suspended during the greater part of the year by the Ministry of Food in consequence of milk and sugar shortage.

## Dairies, Cowsheds, Milkshops Order.

The various cowsheds have been visited 503 times during the year, and the owners were called upon to make good defective drains, &c., in 11 instances.

710 visits of inspection have been made to the milk shops, and generally speaking the standard of cleanliness has been maintained.

There were no cases of infectious disease traceable to milk supplies during the year.

## Slaughter-houses.

There is no Public Abattoir in the District. Inspection is carried out by the Food Inspector at the private slaughter-houses.

The following table shews the number of slaughter-houses in use in the Borough at the dates mentioned :—

	In 1914.		In January, 1920.		In December, 1920.
Registered..	9	..	9	..	9
Licensed...	23	..	23	..	23
	—		—		—
Total....	32	..	32	..	32
	—		—		—

895 visits of inspection have been made to these places, and in several instances repairs to drains, &c., have been carried out.

The various butchers, fishmongers, fruiterers, and markets, have been regularly visited, and the following list shows some of the foodstuffs dealt with by your Inspector and destroyed :—

49 Carcases of Beef.	7 Pigs.
6 Fore Quarters of Beef.	5 Sheep.
5 Hind Quarters of Beef.	9 Turkeys.
960 lbs. of Beef.	2500 Eggs.
90 lbs. of Mutton.	69 Tins of Condensed Milk.
29 Livers.	19 Tins of Tomatoes.
9 Sets Beasts Offal.	20 Hampers of Plums.
9 Calves,	2196 lbs. Currants.

## **Rats and Mice (Destruction) Act, 1919.**

The following notice setting out the provisions of the above Act was advertised in the local press :—

### **COUNTY BOROUGH OF STOCKPORT.**

#### **RATS AND MICE (DESTRUCTION) ACT, 1919.**

#### **PENALTIES FOR FAILURE TO DESTROY RATS & MICE.**

Any person who shall fail to take such steps as may from time to time be necessary and reasonably practicable for the destruction of rats and mice on or in any land of which he is the Occupier, or for preventing such land from becoming infested with rats and mice, shall be liable on summary conviction to a fine not exceeding FIVE POUNDS, or where he has been served with a Notice under this Act requiring him to take such steps he shall be liable to a fine not exceeding TWENTY POUNDS.

The expression “ Occupier ” means, in the case of land not occupied by any Tenant or other Person, the Owner of the land.

The expression “ Land ” includes any buildings and any other erection on land, and any cellar, sewer, drain or culvert in or under the land.

#### **METHODS AND PREVENTIVE MEASURES.**

The most effective methods for destroying rats and mice embrace the use of traps, snares, ferrets, dogs, fumigation, and the use of poisons. The safest poisons have been found to be preparations of Squills and Barium Carbonate. Poison should be laid in such a way that human beings, domestic animals, poultry, etc., cannot obtain access to it. The laying of baits containing any poison should be carried out with the utmost care. The actual amount laid in each single rat-hole or burrow should be as small as possible to obtain the results aimed at. The position of these places should be noted, and any dead rats found afterwards should be burnt or destroyed to prevent domestic animals getting at the carcasses. Previous to the laying of poisons the owners of poultry, dogs, pigs, and other animals frequenting or likely to come near places where poison has been laid should be warned, and, after an interval of a few days, all unconsumed baits should be removed and destroyed.

Attention should be specially directed to all drains, waste, food and grain stores and stacks, etc.

Before threshing commences stacks should be surrounded with fine meshed wire, not less than four feet in height, to prevent rats escaping.

Persons desiring information on the subject of rat or mice destruction or experiencing any difficulty in obtaining suitable materials for that purpose, should apply to—

THE HEALTH DEPARTMENT,  
TOWN HALL, STOCKPORT.

By Order of the Health Committee,

31st May, 1920.

H. E. CORBIN,  
Medical Officer of Health.



TABLE II.  
LOCAL GOVERNMENT BOARD RETURNS.  
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR, 1920.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.								TOTAL CASES NOTIFIED IN EACH LOCALITY.																				NO. OF CASES REMOVED TO ISOLATION HOSPITAL FROM EACH LOCALITY.																										Cases Treated in Union Workhouse Hospital.	Cases Treated in Union Hospital, Stepping Hill.	Cases Treated in Infirmary																																																																																																																																																																																																																																																																																																																																																											
	At Ages—Years.								Wards and Institutions.																				Wards and Institutions.																																																																																																																																																																																																																																																																																																																																																																																							
	At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	No. 1 Lancashire Hill	No. 2 Heaton Lane	No. 3 Old Road	No. 4 Portwood	No. 5 St. Mary's	No. 6 Vernon	No. 7 Spring Bank	No. 8 Hollywood	No. 9 Edgeley	No. 10 Shaw Heath	No. 11 St. Thomas's	No. 12 Hempshaw Lane	No. 13 Cale Green	No. 14 Heaviley	No. 15 Reddish North	No. 16 Reddish South	No. 17 Heaton Norris North.	No. 18 Heaton Norris South.	Infirmary	Union Workhouse	Union Hospital	Tuberculosis Hospital	Barnes' Home Industrial School.	Isolation Hospital.	Totals	No. 1 Lancashire Hill	No. 2 Heaton Lane	No. 3 Old Road	No. 4 Portwood	No. 5 St. Mary's	No. 6 Vernon	No. 7 Spring Bank	No. 8 Hollywood	No. 9 Edgeley	No. 10 Shaw Heath	No. 11 St. Thomas's	No. 12 Hempshaw Lane	No. 13 Cale Green	No. 14 Heaviley	No. 15 Reddish North	No. 16 Reddish Sth	No. 17 Heaton Norris North	No. 18 Heaton Norris South	Infirmary	Union Workhouse	Union Hospital				Tuberculosis Hospital.	Barnes' Home Industrial School.	Isolation Hospital.	Totals																																																																																																																																																																																																																																																																																																																																																							
Scarlet fever ... ..	762	1	101	555	76	29	...	...	34	32	36	22	9	29	9	40	58	71	20	29	49	39	82	82	32	79	1	...	1	...	...	1	762	21	25	28	16	7	21	8	25	34	51	14	22	35	21	62	63	6	41	1	...	1	...	7	1	510	.	...	...																																																																																																																																																																																																																																																																																																																																																							
Diphtheria (including Membranous croup) ...	315	8	60	213	20	12	1	1	8	9	4	7	2	11	8	23	28	48	19	17	44	36	5	15	7	12	7	...	3	...	2	...	315	4	7	2	6	1	6	7	13	8	24	6	12	24	17	1	8	3	1	7	...	1	...	2	...	160	...	2	..																																																																																																																																																																																																																																																																																																																																																							
Enteric fever ... ..	7	...	...	2	1	1	3	...	...	1	...	...	1	...	...	...	...	...	...	2	...	...	...	1	2	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	8	...	...	...																																																																																																																																																																																																																																																																																																																																																											
Puerperal fever ... ..	15	...	...	...	3	12	...	...	...	...	...	1	...	2	...	...	1	1	...	...	2	1	1	3	...	...	...	...	3	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	1																																																																																																																																																																																																																																																																																																																																																									
Erysipelas ... ..	79	2	3	6	6	24	27	11	2	3	6	...	1	3	2	5	3	10	12	4	3	4	3	2	1	3	...	...	12	...	...	...	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...																																																																																																																																																																																																																																																																																																																																																				
Ophthalmia Neonatorum	65	65	...	...	...	...	...	...	3	3	5	6	3	1	8	4	4	4	6	2	5	2	1	3	...	...	...	...	5	...	...	...	65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...																																																																																																																																																																																																																																																																																																																																																		
Encephalitis Lethargica	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...																																																																																																																																																																																																																																																																																																																																															
Acute Poliomyelitis ...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

\* These notifications have been placed to the Wards in which the patient ordinarily resides.

NOTES.—Isolation Fever Hospital is situated in Heaviley Ward (marked A). Tuberculosis Hospital is situated in Reddish South Ward (marked B).

ISOLATION HOSPITAL OR HOSPITALS, SANATORIA, &amp;c.

Infectious Diseases Hospital, Dialstone Lane, Stockport.  
Tuberculosis Hospital, Whitehill, South Reddish, Stockport.

Provided by the Stockport Corporation

Your Inspector interviewed the persons concerned, gave advice and made visits of inspection in 96 instances and whilst it would be difficult to estimate the number of rats and mice actually destroyed it is certain much good has been done and hundreds of the vermin exterminated.

In addition to the action taken on private premises the Cleansing Department appointed a man to devote his whole time to rat catching on the various Tips in the Borough (all of which needless to say are infested with rats).

Dogs, ferrets and traps were used at first and later, working in conjunction with this Department, a special preparation of poisonous bait was laid down at intervals, and the estimated number of rats destroyed on the Tips alone was 2,300.

### Notifiable Infectious Diseases.

The diseases compulsorily notifiable are smallpox, scarlet fever, diphtheria and membranous croup, typhus, typhoid, and continued fever, puerperal fever, erysipelas, phthisis and other forms of tuberculosis, ophthalmia neonatorum, acute primary pneumonia, influenzal pneumonia, cerebro-spinal fever, acute poliomyelitis, acute encephalitis lethargica, acute polio-encephalitis, malaria, dysentery, and trench fever.

The total number of cases of infectious diseases notified during the year was 1,440, as compared with 1,215 during the previous year. This increase is largely accounted for by scarlet fever and diphtheria; 62 cases of scarlet fever were notified, as compared with 418 in 1919 and 156 in 1918, while 315 cases of diphtheria occurred, as compared with 96 and 81 in the two previous years.

15 cases of puerperal fever were notified, as compared with 8 and 3 in the two previous years.

Seven cases of typhoid fever occurred, as compared with 10 in the previous year and 13 in 1918.

65 cases of ophthalmia neonatorum were notified during the year, 82 cases being notified in the previous year.

133 cases of tuberculosis were notified, of which 104 were cases of phthisis, and 29 other forms of tuberculosis. The totals in the two previous years were 215 and 306 respectively.

20 cases of malaria and two of dysentery were notified.

One case each of encephalitis lethargica and acute poliomyelitis were notified.

40 cases of pneumonia, of which 9 were influenzal in origin, were notified, as compared with 110 cases, of which 80 were influenzal, in 1919.

CASES REPORTED DURING 1920.

DISEASE.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Smallpox.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever.....	38	53	62	32	32	36	46	29	81	109	137	107	762
Diphtheria and Mem- branous Croup.....	22	24	34	24	28	18	22	11	29	50	30	23	315
Typhoid Fever.....	..	..	..	3	1	1	..	..	1	1	..	..	7
Puerperal Fever.....	1	5	..	2	1	..	..	1	1	..	3	1	15
Erysipelas.....	9	8	7	2	7	3	3	4	4	8	11	13	79
Ophthalmia Neona- torum.....	7	3	6	8	7	6	8	5	3	6	2	4	65
Encephalitis	..	..	..	..	1	..	..	..	..	..	..	..	1
Lethargica.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Poliomyelitis...	..	..	..	..	..	..	..	..	1	..	..	..	1
Tuberculosis—	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary.....	5	18	7	4	12	8	15	6	2	4	17	6	104
Other Forms.....	1	7	3	3	1	4	2	1	1	2	4	..	29
Malaria.....	3	1	1	2	..	1	..	4	1	2	2	3	20
Dysentery.....	..	..	..	1	..	..	..	..	..	..	1	..	2
Trench Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Primary	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia.....	1	5	..	1	3	..	5	1	5	2	5	3	31
Acute Influenzal	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia.....	..	..	3	2	1	..	..	..	..	1	1	1	9
Totals.....	87	124	123	84	94	77	101	62	129	185	213	161	1440

### Smallpox.

There have been no cases of this disease since 1909.

### Scarlet Fever.

There was an extensive epidemic of scarlet fever in the town during the year, 762 cases being notified. The highest number of cases previously notified was 686 in 1915. In 1919, 418 cases were notified, and 156 in 1918, and the case-rate per thousand of the population for the year was 5.8, as compared with 3.2 in the previous year and 5.7 in 1915.

Although the average number of cases notified per month from January to August was more than 40, which is considerably above the average number, this rose in September to 81, and reached the highest monthly incidence in November, namely, 137 cases, since when it has slowly diminished.

The disease was most prevalent in Reddish, in the area adjoining the Gorton district of Manchester, where the disease was also very prevalent. The next highest ward incidence occurred in Heaton Norris South and Shaw Heath Wards, namely, 79 and 71 cases respectively.

Although the disease was so very prevalent, the epidemic may be said to have been extremely mild in character, only seven deaths occurring in the town due to scarlet fever during the year, giving a case mortality of .92, which is approximately 50 per cent. lower than the case mortality in 1919.

It is probably due to the extremely mild character of the cases, many of whom were only temporarily indisposed and in respect of whom no proper steps were taken to isolate the patient, that the disease was so prevalent. Such "missed" cases of Scarlet Fever were frequently found in the schools showing signs that they were still in an infectious condition.

The large majority of the cases occurred between the ages of 5 and 15 years, namely, 555, and only one case was notified under one year of age.

It was only found necessary to close one school on account of the prevalence of scarlet fever amongst the scholars.

13 return cases occurred during the year.

Of the 762 cases, 510, or approximately 67 per cent., were removed to the Isolation Hospital.

<i>Ward.</i>	<i>Number of cases of Scarlet Fever notified during the year 1920.</i>	<i>Estimated Civil Popula- tion.</i>	<i>Percentage of cases removed to Hospital.</i>	<i>Incidence of Scarlet Fever per 1,000 of the population</i>
Lancashire Hill.....	34	5860	62	5.80
Heaton Lane.....	32	6500	78	4.92
Old Road.....	36	6260	78	5.75
Portwood.....	22	8380	73	2.62
St. Mary's.....	9	3395	78	2.65
Vernon.....	29	6590	72	4.40
Spring Bank.....	9	4515	89	1.99
Hollywood.....	40	9180	63	4.36
Edgeley.....	58	11100	59	5.23
Shaw Heath.....	71	11340	72	6.26
St. Thomas's.....	20	5435	70	3.68
Hempshaw Lane.....	29	5955	76	4.87
Cale Green.....	49	6915	71	7.09
Heaviley.....	39	11480	54	3.39
Reddish North.....	82	9710	76	8.44
Reddish South.....	82	5745	77	14.27
Heaton Norris North....	32	5580	19	5.73
Heaton Norris South....	79	6695	52	11.80
Infirmary.....	1	..	100	..
Union Workhouse....	..	..	..	..
Union Hospital.....	1	..	100	..
Isolation Hospital....	1	..	100	..
Barnes' Home Industrial School...	7	..	100	..

TABULAR STATEMENT OF "RETURN CASES" OF SCARLET FEVER.

YEAR 1920.

41

No. in Register.	DISCHARGED PATIENT.				Notes as to any abnormality.		Onset and number of Return Case.	Interval between Discharge of Patient and onset of Return Case.
	Age.	Sex.	Date of Discharge.	Days in Hospital.	Length of Illness.	On Discharge.	After Discharge.	
324	10½	M	6/1/20	84	86	Normal	..	20/1/20 (54) 14 days
418	4	M	9/3/20	124	130	Chronic Rhinorrhœa and Chronic Hypertrophic Tonsillitis	..	{ 18/3/20 (244) 4/4/20 (281) 12/4/20 (310) 9 days 26 days 34 days
535	8	M	9/1/20	42	43	Normal	..	11/1/20 (24) 2 days
584	10¾	F	13/2/20	63	67	Normal	..	17/2/20 (134) 4 days
19	5	M	24/2/20	45	46	Normal	..	8/3/20 (202) 13 days
360	10	F	15/6/20	40	44	Chronic Tonsillitis	..	19/6/20 (474) 4 days
564	35	F	31/8/20	34	39	Normal	..	{ 12/9/20 (653) 15/9/20 (657) 12 days 15 days
619	9	M	12/10/20	42	46	Normal	..	13/10/20 (831) 1 day
652	19	F	22/10/20	38	39	Normal	..	27/10/20 (926) 5 days
750	7½	F	9/11/20	36	39	Normal	..	22/11/20 (1065) 13 days

### **Diphtheria.**

Diphtheria was also epidemic during the year, 315 cases being reported as compared with 96 in 1919.

The disease was most prevalent in October, when 50 cases were notified.

The Wards in which the disease was most prevalent were Shaw Heath, Cale Green, and Heaviley, where 48, 44, and 36 cases were respectively notified.

The sickness-rate per thousand of the population was 2.41, as compared with .76 in 1919.

The large majority of the cases, namely, 281, occurred amongst children under 15 years of age, and the virulence is indicated by the large number of deaths which occurred, namely, 30, 29 of which were in children under 15 years of age.

The death-rate per thousand of the population was .23, and the case-mortality was 9.5 per cent., as compared with 9.4 per cent. in the previous year.

160 of the 315 cases, or 51 per cent., were removed to the Isolation Hospital.

Antitoxin was supplied by the Health Department to medical men for treatment of cases in the town on 160 occasions, as compared to 42 in the previous year.

### **Typhoid Fever.**

During the year seven cases of typhoid fever were reported, as compared with 10 in 1919, 13 in 1918, and 22 in 1917.

2 deaths were registered, giving a death-rate of .015 per 1,000 of the population; the death-rate for the whole of England and Wales being .01.

Of the cases notified three were removed to the Isolation Hospital.

2 cases occurred in Hempshaw Lane Ward, 2 in Heaton Norris North Ward, and 1 each in Heaton Lane, St. Mary's, and Reddish South Wards.

### **Acute Poliomyelitis and Encephalitis Lethargica.**

One case of each of these diseases were reported during the year.

### **Cerobro-Spinal Meningitis.**

There were no cases reported during the year.

## Puerperal Fever.

15 cases of puerperal fever were notified during the year, as compared with 8 in 1919, 3 in 1918, and 4 in 1917.

In all cases the midwife in attendance is disinfected, together with her instruments, before being allowed to visit other cases.

4 deaths occurred during the year, giving a case mortality of 27 per cent.

7 of the cases of this disease were nursed from the District Nursing Association.

## Vaccination.

The number of successful primary vaccinations during the year was 1410.

If this number be compared with the number of births registered during the year, namely : 2901, it will be seen that roughly only half of the children born were successfully vaccinated. Of course, a certain number of these children will be vaccinated at the beginning of 1921, but this number is practically balanced by a similar number of cases from 1919 being included at the beginning of 1920, in the figure 1410, who were successfully vaccinated during that year. The number of vaccinations shows a very unsatisfactory position of the law with regard to vaccination at the present time.

In the following tables the returns, relating to primary vaccination of infants during the decennium, 1910–1919, in the various registration districts of Stockport are exhibited. The number of certificates of successful primary vaccination at all ages, received during the last twenty-two years has been as follows :—

<i>Year.</i>	<i>No.</i>	<i>Year.</i>	<i>No.</i>
1899.....	1970	1910.....	1066
1900.....	2062	1911.....	1483
1901.....	2217	1912.....	1243
1902.....	2368	1913.....	1170
1903.....	2466	1914.....	1373
1904.....	2242	1915.....	1136
1905.....	2202	1916.....	1096
1906.....	2099	1917.....	930
1907.....	2038	1918.....	729
1908.....	1753	1919.....	988
1909.....	1534	1920.....	1410

VACCINATION RETURNS FOR THE COUNTY BOROUGH OF STOCKPORT.  
FOR THE PAST 10 YEARS.

	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Births.....	2692	2552	2528	2612	2717	2428	2224	1883	1782	1959
Successfully vaccinated...	1373	1190	1191	1140	1171	1075	1033	817	847	847
Insusceptible of vaccination.....	7	5	3	3	2	1	1	1	—	—
Died unvaccinated.....	264	326	204	282	267	229	176	154	134	137
<b>Exemptions.....</b>	<b>774</b>	<b>719</b>	<b>838</b>	<b>886</b>	<b>932</b>	<b>832</b>	<b>768</b>	<b>730</b>	<b>653</b>	<b>812</b>
Postponement by Medical Certificate.....	73	91	95	106	134	138	100	78	53	37
Removed : Address unknown.....	172	139	130	154	153	104	105	76	75	52
Had Smallpox.....	—	—	—	—	—	—	—	—	—	—
Removed to other districts Vaccination Officer notified.....	31	28	48	29	34	54	16	10	10	12
Unaccounted for.....	10	54	19	14	24	29	25	17	10	62

I am indebted to the courtesy of F. Pidgeon, Esq., Clerk to the Guardians, for these figures.

Measles and Whooping Cough.

An epidemic of measles occurred during the year, and although it is not possible to ascertain the total number of cases which occurred, as the disease is not now notifiable, information was received from the School Attendance Officers of 1,263 cases occurring among school children.

There were 41 deaths due to this disease, 35 of which occurred in children under 5 years of age.

The highest prevalence existed in Portwood Ward, where there were ten deaths.

25 deaths occurred from whooping cough during the year, of which 21 were children under two years of age.

The death-rate from measles and whooping cough together was 0.5 per thousand of the population, as compared with 0.07 in 1919 and 0.39 in 1918.

Appended is a statement of the deaths from measles and whooping cough continued from previous reports.

<i>Year.</i>	<i>Deaths due to Measles and Whooping Cough</i>	<i>Deaths due to remainder of the Zymotic Diseases except Diarrhœa.</i>	<i>Year</i>	<i>Deaths due to Measles and Whooping Cough.</i>	<i>Deaths due to remainder of the Zymotic Diseases except Diarrhœa.</i>
1901....	64	.... 56	1911....	44	.... 23
1902....	69	.... 54	1912....	89	.... 27
1903....	90	.... 54	1913....	44	.... 25
1904...	73	.... 61	1914....	36	.... 20
1905....	50	.... 23	1915....	85	.... 34
1906....	105	.... 20	1916....	101	.... 28
1907....	67	.... 38	1917....	23	.... 12
1908. ..	96	.... 35	1918....	45	.... 13
1909....	59	.... 43	1919....	9	.... 18
1910....	77	.... 20	1920....	66	.... 39

### Influenza.

There was, fortunately, only a small incidence of influenza in the town during the year.

The total number of deaths being 21, as compared with 121 in 1919, and 347 during the epidemic year of 1918.

The death-rate from influenza per thousand of the population was .16.

Of the 21 deaths, 10 were registered as influenzal pneumonia, but it is probable that of the 136 deaths recorded from other forms of pneumonia some of these had their primary origin in influenza.

Eight applications for anti-influenza vaccine were made by Medical Practitioners in the town during the year, and in each case 25 cubic centimetres of anti-influenza vaccine was supplied, together with a circular letter of instructions as to its use. 25 cubic centimetres of the vaccine is approximately sufficient for twenty persons.

The tables which follow give (a) the deaths from influenza in the district for each week during the year, and (b) age and sex distribution of these deaths.

INFLUENZA DEATHS.—WEEKLY INCIDENCE.

Week ending.	Civilian Deaths.		Total	Week ending.	Civilian Deaths.		Total
	Males.	Females.			Males.	Females.	
Jan. 10	..	1	1	June 12	2	..	2
Feb. 7	1	..	1	Aug. 14	..	1	1
Mar. 6	1	..	1	Sept. 4	1	..	1
April 3	2	..	2	„ 25	1	..	1
„ 10	2	..	2	Nov. 20	1	..	1
„ 17	..	1	1	„ 27	..	2	2
May 15	2	1	3	Dec. 11	1	1	2

In addition to the 21 deaths registered, there were 2 deaths from influenza of persons belonging to the Borough occurring in out-townships.

INFLUENZA DEATHS.—AGE PERIODS.

Age period.	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65 and over	Total.
Males.....	..	1	2	..	1	2	4	1	3	14
No. compli- cated with pneumonia..	..	1	1	..	..	..	1	1	2	6
Females.....	..	..	1	..	1	2	..	2	1	7
No. compli- cated with pneumonia..	..	..	1	..	..	2	..	1	..	4
Total cases..	..	1	3	..	2	4	4	3	4	21

### Schools and Infectious Disease.

Below is set forth shewing the number of schools closed during the year the cause of the closure, and length of time closed.

<i>School.</i>	<i>Disease.</i>	<i>Percentage of children present.</i>	<i>Period of Closure.</i>	
			<i>From</i>	<i>To</i>
St. Thomas's C.E., Heaton Chapel (Infants' Department).....	Whooping Cough	36.7	Feb. 2	Feb. 20
Great Moor Council (Infants' Department).....	Measles	43	Feb. 11	Mar. 2
St. Peter's C.E. (Infants' Department).....	„	55	Mar. 10	Mar. 31
St. John's C.E., Heaton Mersey (Mixed & Infants' Departments).....	Scarlet Fever and Diptheria	70.6	Mar. 12	Mar. 31
St. Mary's C.E. (Infants' Department).....	Measles	44.2	May 11	May 20
St. John's C.E., Heaton Mersey (Infants' Department).....	„	41.7	July 9	July 29

St. Mary's C.E. School, South Reddish, (Mixed and Infants' Departments) closed from December 13th to December 17th inclusive, on account of absence of heating due to breakdown of heating apparatus.

SCHOOL CHILDREN SUFFERING FROM INFECTIOUS  
DISEASE DURING THE PAST TWENTY YEARS.

Year.	Notifiable or " Dangerous " Infectious Diseases.					Non-Notifiable but Dangerous.		
	Smallpox	Scarlet Fever.	Diphtheria	† Measles.	Totals.	Measles.	Whooping Cough	Totals.
1901	—	390	9	—	399	1418	48	1466
1902	—	308	7	—	315	413	320	733
1903	1	360	6	—	367	98	1	99
1904	19	375	16	—	410	476	14	490
1905	1	110	16	—	127	200	250	450
1906	—	95	21	—	116	880	225	1105
1907	—	236	24	—	260	920	689	1609
1908	—	359	23	—	382	2881	537	3418
1909	—	356	30	—	386	1414	194	1608
1910	—	130	28	—	158	870	743	1613
1911	—	116	27	—	143	793	186	978
1912	—	133	45	—	178	1010	443	1453
1913	—	103	33	—	136	1142	128	1270
1914	—	266	43	—	309	*379	*223	602
1915	—	427	44	—	471	962	444	1406
1916	—	177	38	1139	1354	—	175	175
1917	—	61	10	698	769	—	272	272
1918	—	98	34	583	715	—	685	685
1919	—	317	43	53	413	—	77	77
1920	—	538	214	—	752	1263	445	1708

† Measles became a notifiable disease on January 1st, 1916 and ceased to be notifiable December 31st, 1919. \* Incomplete.

## Cancer.

The number of deaths from cancer registered during the year was 165 as compared with 154 during the previous year. 94 deaths occurred among females and 71 among males. Of these deaths 148, or 90 per cent. were above the age of 45.

The death-rate from this disease was equal to 1.26 per 1,000 of the population, as compared with 1.22 for the year 1919.

Four of the deaths were registered as Sarcoma.

The following list shows the parts affected among the deaths registered from cancerous diseases :—

	<i>Males.</i>		<i>Females.</i>
Jaw.....	1	..	1
Lip.....	1	..	—
Tongue.....	5	..	1
Neck.....	7	..	3
Stomach.....	19	..	14
Intestines.....	7	..	9
Pancreas.....	1	..	1
Liver.....	2	..	6
Kidney.....	1	..	—
Rectum.....	14	..	4
Larynx.....	4	..	—
Breast.....	1	..	23
Uterus.....	—	..	26
Bladder.....	5	..	—
Other Localities.....	3	..	6
	—		—
Total.....	71	..	94
	—		—

## Tuberculosis.

During the year 133 cases of tuberculosis were notified, as compared with 215 during the previous year. 104 of these cases were tuberculous disease of the lungs or phthisis, and 29 were other forms of tuberculosis ; 5 of the latter being tuberculous disease of the glands.

The number of deaths from all forms of tuberculosis during the year was 155, as compared with 129 in 1919, giving a death-rate of 9.2 per cent. of the nett total deaths registered in the Borough, and a death-rate of 1.19 per 1,000 of the population as compared with a death-rate of 1.02 in 1919, and an average of 1.49 in the three previous years.

**PULMONARY TUBERCULOSIS.**—Of the 104 cases notified, 34 occurred between the ages of 25 and 45, and 16 between the ages of 15 and 25, 30 cases were over 45, and 24 cases under 15 years of age.

There were 123 deaths during the year from tuberculosis of the lungs of which 56 were males and 67 females. The number of deaths in 1919 from this disease was 107. The death-rate was .94 per 1,000 of the population which is slightly higher than the death-rate last year, which was .83 per 1,000 of the population.

Of the 123 deaths considerably the greatest proportion occurred between the ages of 25 and 45, namely : 58. There were 32 deaths below the age of 25, and 33 deaths over the age of 45.

The **OCCUPATIONAL INCIDENCE** of the cases notified as primary notifications on Form “ A ” of the Public Health (Tuberculosis) Regulations, 1912, is shown in the following table :—

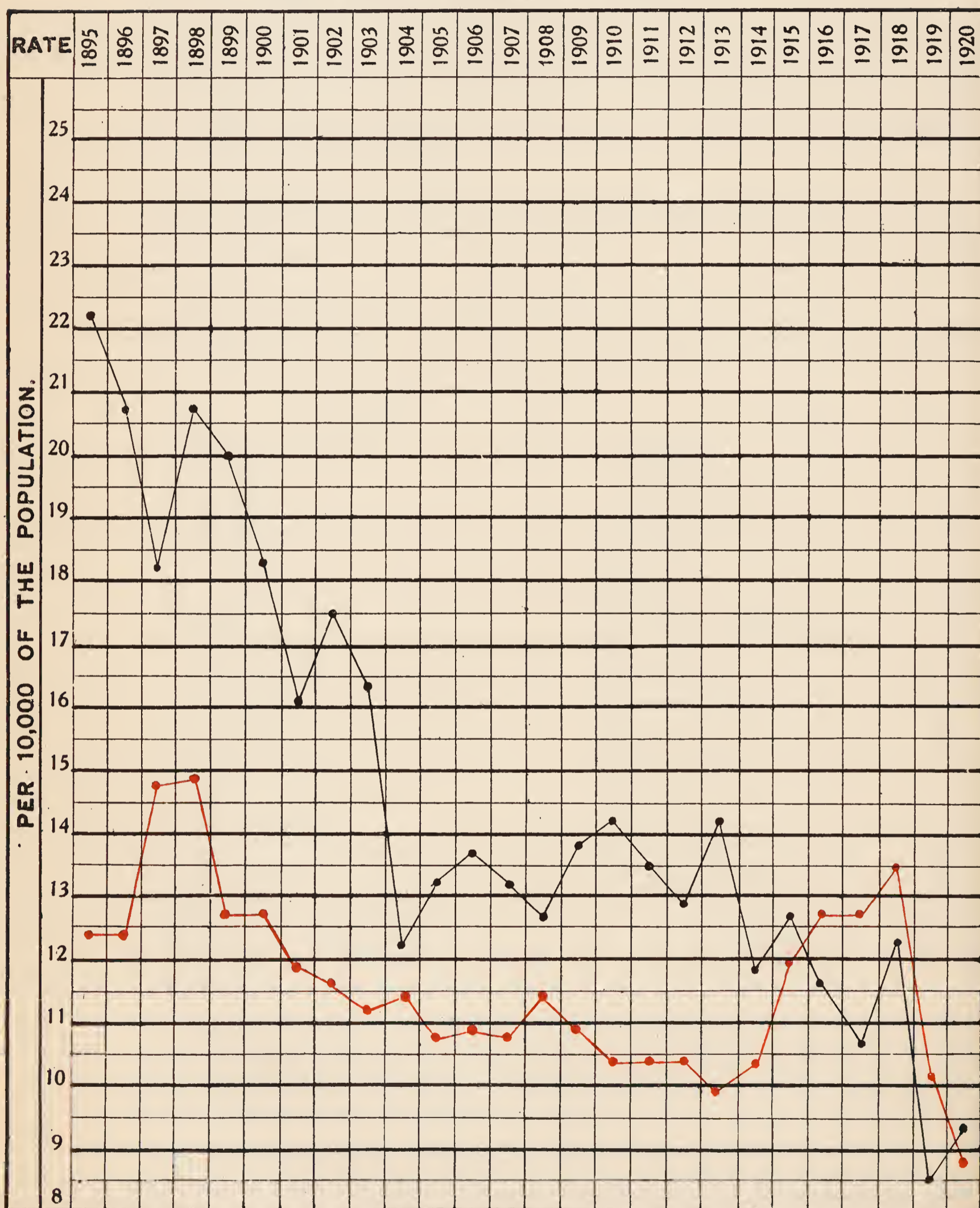
Occupation.	No.	Occupation.	No.
Cotton Operatives.....	8	Labourers :	
Crozier.....	1	General.....	10
Doubler .....	1	Bricklayers.....	1
Spinners.....	2	Plasterers.....	1
Weaver .....	1	Machinist.....	1
Winders.....	2	Moulders.....	2
		Packers.....	2
Hatting :		Post Office Messenger.....	1
Hatters.....	3	Rag Sorter.....	1
Fur Cutter.....	1	Sailor Ex.....	1
Trimmer.....	1	School Children.....	11
Brushmaker.....	1	School Teachers.....	2
Carter.....	1	Soldier Ex.....	1
Chocolate Mixer.....	1	Spindle Turner.....	1
Clerks.....	2	Tailoress.....	1
French Polisher.....	1	Typist.....	1
Fitters.....	3	Warehousemen.....	2
Flour Miller.....	1	No occupation.....	19
Fruiterer.....	1		—
Housewives, Domestic		Total.....	119
Servants, Charwomen, &c.	29		—
Joiner.....	1		

In addition to the foregoing, 11 primary notifications were received of school children suffering from pulmonary tuberculosis and 3 from other tubercular diseases, which were notified on Form “ B ” of the Public Health (Tuberculosis) Regulations, 1912.

**NON-PULMONARY TUBERCULOSIS.**—29 cases of non-pulmonary tuberculosis were notified during the year, namely : 11 males and 18 females,



The following Chart shows the Death Rates from Pulmonary Tuberculosis per 10,000 of the Population in England and Wales and Stockport, 1895—1920.



England and Wales In Red.

Stockport In Black.

The localisation of the diseases in the cases notified is here given :—

Brain.....	3	Skin.....	3
Glands.....	5	Bones.....	2
Hip.....	2	Face.....	1
Spine.....	3	Knee.....	1
Peritoneum.....	4	Peritonitis.....	1
Kidneys.....	1	Other forms.....	3

The number of deaths from non-pulmonary tuberculosis was 32, as compared with 22 in 1919, giving a death-rate of .24 per 1,000, as compared with .17 in 1919.

Twenty-three of the 32 deaths were amongst children under 15 years of age.

PHTHISIS AND OTHER FORMS OF TUBERCULOSIS.

<i>Year.</i>	<i>Phthisis Cases reported.</i>	<i>No. of Deaths from Phthisis.</i>	<i>Phthisis Death-Rate.</i>	<i>No. of Deaths from other Tubercular Diseases.</i>	<i>Death-Rate from other Tubercular Diseases.</i>	<i>Total Tuberculosis Death-Rate.</i>
1905	34	122	1.32	82	0.90	2.23
1906	161	126	1.36	64	0.69	2.05
1907	139	123	1.31	61	0.65	1.96
1908	95	120	1.26	90	0.94	2.21
1909	129	134	1.39	61	0.63	2.03
1910	74	139	1.42	86	0.88	2.31
1911	233	136	1.35	54	0.53	1.88
1912	357	135	1.29	50	0.47	1.76
1913	331	150	1.41	58	0.55	1.96
1914	210	142	1.19	55	0.46	1.65
1915	172	151	1.26	44	0.37	1.63
1916	169	135	1.17	35	0.30	1.47
1917	304	119	1.06	37	0.33	1.39
1918	242	142	1.23	44	0.38	1.61
1919	151	107	0.85	22	0.17	1.02
1920	104	123	0.94	32	0.24	1.18

Treatment of Tuberculosis.

Below is the Report of the Tuberculosis Officer concerning the treatment of Tuberculosis :—

COUNTY BOROUGH OF STOCKPORT.  
TO THE CHAIRMAN AND MEMBERS OF THE SANATORIA  
SUB-COMMITTEE.

I beg to submit the following report on the treatment and prevention of Tuberculosis carried out at the Tuberculosis Dispensary, Whitehill Hospital, and Sanatoria during the year 1920 :—

DISPENSARY.

The Tuberculosis Dispensary, situated in Great Egerton Street, Stockport, is open at the following times :—

Tuesday	2-30	to	4-30.
Wednesday	2-30	,,	4-30.
Thursday	9-30	,,	12-30.
Friday	2-30	,,	4-30 and 5-30 to 7-30.

STAFF.

During the year the staff at the Dispensary consisted of one Medical Officer, three Nurses and one Clerk.

NUMBER OF PATIENTS.

The total number of patients attending the Dispensary during the year was 812, and the total attendances made was 8963. Of these 812, 352 were new patients, viz., 128 Civilians, 94 Discharged Soldiers, and 130 Children, of school age. Of the 352 new patients, below is set forth the diagnosis :—

Nature of Disease.	Discharged		Civilians.	Total.
	Soldiers.			
Pulmonary Tuberculosis.....	56	..	75	131
Bronchitis, Debility, &c.....	20	..	154	174
Tuberculosis of Bones and Joints.....	1	..	1	2
Tubercular Glands.....	—	..	10	10
Other Diseases.....	17	..	18	35
	94	..	258	352

CONTACTS.

During the year 54 contacts were examined at the Dispensary, and of those, 1 was found to be definitely tubercular.

Several others were under observation at the end of the year.

NURSES VISITS.

During the year the nurses made 2383 visits to Tuberculosis homes, of these 1885 were made to homes of civilians, and 498 to homes of discharged soldiers.

SPUTUM EXAMINATIONS.

During the year 149 sputum were examined at the Dispensary, of which 29 were positive and 120 negative.

The nursing and clerical staff carried out their work in an extremely satisfactory manner.

WHITEHILL HOSPITAL.

Below is set forth the work done in connection with Whitehill Hospital.

No. of patients in Hospital, December 31st, 1919....	18
„ admitted during 1920.....	93—111
„ discharged during 1920.....	64
„ died during 1920.....	29
„ remaining in Hospital.....	18—111

During the year several minor repairs were necessary to the Hospital.

The work of the Matron, Deputy Matron, and Staff, was carried out in a thoroughly satisfactory manner.

SANATORIA.

The Sanatorium accommodation for the Borough of Stockport is as follows :—

Cranham Lodge Sanatorium, Gloucester.....	16 beds.
Meathop, Cumberland.....	2 „
Eastby (Children).....	2 „
Wensleydale, Yorkshire.....	10 „

The latter, under the George Fearn Trust, to which the Corporation makes a grant of £150 per annum.

In addition, the Insurance Committee, in order that soldiers discharged from the Army suffering from tuberculosis should have Sanatorium treatment with the least possible delay, made arrangements with the following Sanatoria :—

Royal National, Ventnor.  
 Southport Corporation Sanatorium, Birkdale.  
 Royal National Sanatorium, Bournemouth.

Below is set forth the number of patients treated at these Institutions :—

	Civilians.		Soldiers.		Total.
Cranham Lodge.....	31	..	25	..	56
Eastby.....	2	..	—	..	2
Wensleydale.....	11	..	5	..	16
Meathop.....	5	..	4	..	9
Southport.....	—	..	3	..	3
Ventnor.....	1	..	—	..	1
Bournemouth.....	—	..	4	..	4
	—		—		—
Total.....	50	..	41	..	91
	—		—		—

In addition the George Fearn Trust sent 61 weakly and pre-tubercular children away, viz., 35 to farms in the Country, and 26 to the Ormerod Home, St. Annes-on-Sea, at which Institute 10 beds are retained.

A. G. JENNER,  
Tuberculosis Officer,  
Stockport County Borough.

STOCKPORT INSURANCE COMMITTEE.

SANATORIUM BENEFIT.

For period 1st January to 31st December, 1920.

	Males.	Females.	Total
No. of applications for Sanatorium Benefit.....	66	. 23	. 89
„ Cases recommended for Sanatorium Treatment	53	. 20	. 73
„ Cases recommended for Domiciliary Treatment	4	. 1	. 5
„ Cases recommended for Dispensary Treatment	9	. 2	. 11
„ Cases recommended for Hospital Treatment...		Nil.	
Surgical Cases.....		Nil.	
No. of Cases sent by Insurance Committee to Sanatorium for Treatment.....	44	. 19	. 63

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

SUMMARY OF NOTIFICATIONS during the period from 4th January, 1920, to 1st January, 1921,  
in the County Borough of Stockport.

Age Periods.	NUMBER OF NOTIFICATIONS ON FORM A.										NUMBER OF NOTIFICATIONS ON FORM B.				No. OF NOTIFICATIONS ON FORM C.		
	Primary Notifications.										Primary Notifications.				Total Notifications on Form B.	Poor Law Institutions.	Sana-toria.
	Total.										Total.						
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and over	Under 5	5 to 10	10 to 15			
Pulmonary—	1	2	2	2	4	2	7	8	12	4	1	45	52	7	5	7	*
Males.....	.	1	1	4	5	5	8	11	9	2	2	48	54	4	2	4	68
Females.....	.	1	2	3	1	.	.	3	.	.	1	11	15	.	.	.	48
Non-Pulmonary:—	.	1	6	1	4	1	1	1	.	.	.	15	15	3	2	3	..
Males.....	.	1	6	1	4	1	1	1	.	.	.	15	15	3	1	3	..
Females.....	.	1	6	1	4	1	1	1	.	.	.	15	15	3	1	3	..

### Venereal Diseases.

A Centre for the free treatment of venereal diseases has been established in the town, at the Borough Dispensary, Great Egerton Street, and was opened at the beginning of the year.

Two Clinics were established for males and two for females at the following times :—

MALES.	Tuesday Evenings :	5-30 to 7-30.
	Friday Mornings :	10-30 ,, 12-30.
FEMALES.	Tuesday Mornings :	10-30 ,, 12-30.
	Thursday Evenings :	5-30 ,, 7-30.

274 persons, of whom 202 were males and 72 females, attended for treatment during the year, making a total number of attendances of 2,058.

In addition to the 274 persons attending the Stockport Treatment Centre, 142 Stockport patients attended approved Treatment Centres in Manchester, making a total number of attendances of 2,464.

During the year 523 specimens of blood were sent to the Department of Pathology in the University of Manchester to be examined for the Wassermann Reaction.

Forty examinations for the detection of Gonococci were made at the Dispensary, and 59 from the Manchester Treatment Centres, in respect of Stockport patients, were carried out at the Manchester University.

Only one application was made for the supply of Novarsenobillon by Medical Practitioners in the Borough.

The following tables, extracted from Form V.R. 10 of the Ministry of Health, give the details of the treatment at the various Centres :—

# VENEREAL DISEASE.—TREATMENT.

	BOROUGH DISPENSARY, STOCKPORT.	ANCOATS HOSPITAL.	HOSPITAL FOR SKIN DISEASES.	MANCHESTER & SALFORD LOCK HOSPITAL.	MANCHESTER ROYAL INFIRMARY.	ST. MARY'S HOSPITAL.
A. Number of persons dealt with during the year at or in connection with the Out-Patient Clinic for the first time and found to be suffering from Syphilis.....	122	7	39	9	25	—
Soft Chancre.....	3	—	—	2	—	—
Gonorrhœa.....	88	2	3	6	2	2
Conditions other than Venereal	61	16	2	3	20	4
Total.....	274	25	44	20	47	6
B. Number of attendances at the Out-Patient Clinic.....	2058	239	1090	235	858	42
C. Aggregate number of "In-Patient" days.....	—	90	—	326	—	—
D. Number of doses of Salvarsan substitutes given in the (1) Out-Patient Clinic..... (2) In-Patient Department...	642 —	61 —	186 —	69 9	158 —	8 —
E. Salvarsan substitutes used in the treatment of syphilis and the usual initial and final doses.....	Novarsenobillon. .45 initial dose .75 final (female) .9 final (male)	Novarsenobillon. .45 initial dose. .9 final (male). .75 final (female).	Neo-Kharsivan .3 .9 Novarsenobillon .3 .9 Neo-diarsenol .3 .9	Novarsenobillon. Initial doses :— Children..... .15 Others..... .45 Final doses :— Females..... .75 Males..... .9	Novarsenobillon. .45 .6	N.A.B.—.3. .45. .45. .6, .6. .75. .75. .9, Provoc. .45. Galyl. 10 cgr., 20 cgr.
F. Number of doses of Salvarsan substitutes usually given in a full course of treatment..	6	6	8	6 doses intravenously.	7	N.A.B.—Nine. Galyl.—Twelve.
G. Proportion of cases in which Salvarsan substitutes are used in the treatment of syphilis.....	100%	In 100 per cent. of cases	All early cases and in- tertiary cases to clear symptoms.	Approximately all our syphilitic cases are treated with Salvarsan substitutes.	All.	All.
H. Nature of tests applied in deciding as to discharge of patients after completion of treatment.....	SYPHILIS— Negative Wassermann reaction every three months for period of two years.  GONORRHOEA— 1. Urine clear—no dis- charge. 2. Injection of silver nitrate. 3. Passage of large bougie. 4. Urine clear after pros- tatic massage.	Blood test negative and absence of all signs as in Item 5.	Points to be taken into consideration in dis- charging patients :—  (1) Length of continuous treatment. (2) Last date of appear- ance of clinical signs. (3) Wassermann Tests.	SYPHILIS. Wassermann negative, six months.  GONORRHOEA. FEMALES. Continued absence of gonococci swabs in ordinary con- ditions of life. MALES. Absence of Gonococci, no dis- charge, no threads in urine after prostatic massage in ordinary conditions of life, after 14 days.	As recommended in Memo V. 21 except that complement pro- vocative for Gono. is not done.	As in Item 5, Memo. V. 21, including culture test (G).



TABLE OF INSTITUTIONAL TREATMENT AT THE VARIOUS TREATMENT CENTRES.

YEAR 1920.

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	<i>Borough Dispensary, Stockport.</i>	<i>Ancoats Hospital.</i>	<i>Manchester and Salford Hospital for Skin Diseases.</i>	<i>Manchester and Salford Lock Hospital.</i>	<i>Manchester Royal Infirmary.</i>	<i>St. Mary's Hospital.</i>
	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
(A) OUT-PATIENT CLINIC. Attendances.....	2058	239	1090	235	858	42
(B) IN-PATIENT TREATMENT. Number of days.....	—	90	—	326	—	—
(C) SALVARSAN SUBSTITUTES. Doses.....	642	61	186	78	158	8
(D) EXAMINATION OF PATHO- LOGICAL MATERIAL:—						
For detection of Spiro- chetes.....	1	—	2	—	9	—
„ Gonococci.....	40	7	—	—	38	14
„ Wassermann Reaction	273	25	101	33	90	1

**Infantile Mortality and Maternity and Child Welfare Work.**

(Including the administration of the Midwives Act, 1902, and the Notification of Births Act, 1907).

The total number of deaths of infants under one year of age registered in the Borough in 1920 was 282, as compared with 194 during the previous year. Calculated on the number of infants born during the year, namely : 2901, this gives an infantile mortality rate of 97.2 per 1,000, as compared with 98.5 in 1919, and is only slightly higher than the rate for 1917 which was the lowest infantile mortality rate recorded for the Borough, namely : 95.6.

The mortality among legitimate children was 93 per 1,000 births, whilst that among illegitimates was 188 per 1,000.

126 deaths, or 45 per cent. of the deaths under one year of age, occurred within the first four weeks after birth, and 70, or 25 per cent., within the first week, and of the latter no less than 40 were due to premature birth, which is in turn due to the causes acting on the mother before the birth of the child, namely : ante-natal causes, and points to the necessity of systematic advice and treatment being made available for the expectant mother.

The majority of these deaths fall under three groups, viz :—

Congenital malformation, prematurity, atrophy, debility and marasmus.....	116
Diarrhœa, enteritis, and convulsions.....	34
Respiratory and tubercular diseases.....	67

Diarrhœal diseases, namely, infantile diarrhœa and enteritis, accounted for twenty deaths, as compared with twelve in the previous year. This is again a very low incidence of infantile diarrhœa and was largely accounted for by the low temperature during the summer season.

The highest infantile mortality rates occurred in Spring Bank, Heaton Norris North, St. Thomas's, and St. Mary's Wards, being respectively 183, 140, 135 and 125. The lowest rates occurred in Heaton Norris South and Cale Green Wards, namely, 30 and 51 respectively.

The table on page 59 shows the causes of death at various ages under twelve months.

TABLE IV.

**INFANT MORTALITY.**

1920. Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSE OF DEATH.		Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All causes	{ Certified....	69	26	21	9	125	54	41	27	34	281
	{ Uncertified.	1	..	..	..	1	..	..	..	..	1
Smallpox.....		..	..	..	..	..	..	..	..	..	..
Chickenpox.....		..	..	..	..	..	..	..	1	..	1
Measles.....		..	..	..	..	..	..	1	2	10	13
Scarlet fever.....		..	..	..	..	..	..	..	..	..	..
Whooping cough.....		..	..	..	..	..	2	..	7	3	12
Diphtheria and Croup.....		..	..	..	..	..	..	..	..	3	3
Erysipelas.....		..	..	..	..	..	1	..	..	..	1
Phthisis.....		..	..	..	..	..	..	..	1	..	1
Tuberculous Meningitis.....		..	..	..	..	..	1	1	..	2	4
Abdominal Tuberculosis.....		..	..	..	..	..	..	1	1	..	2
Other Tuberculous diseases..		..	..	..	..	..	..	1	..	..	1
Meningitis ( <i>not Tuberculous</i> )		..	..	..	..	..	1	1	..	1	3
Convulsions.....		3	3	2	..	8	1	4	1	..	14
Laryngitis.....		..	1	..	..	1	..	..	..	..	1
Bronchitis.....		1	..	4	1	6	8	13	3	4	34
Pneumonia (all forms).....		..	..	..	..	..	6	4	8	6	24
Diarrhœa.....		..	..	1	1	2	..	2	..	1	5
Enteritis.....		..	2	3	..	5	4	5	1	..	15
Gastritis.....		..	2	..	1	3	5	2	..	1	11
Syphilis.....		..	1	..	..	1	1	1	..	..	3
Rickets.....		..	..	..	..	..	..	..	..	..	..
Suffocation, overlying.....		1	..	..	..	1	..	..	..	..	1
Injury at birth.....		1	..	..	..	1	..	..	..	..	1
Atelectasis.....		4	..	1	..	5	..	..	..	..	5
Congenital Malformations ..		7	1	..	1	9	4	..	..	..	13
Premature birth.....		40	8	3	2	53	7	2	..	..	62
Atrophy, Debility, and Marasmus.....		11	8	5	..	24	10	2	2	3	41
Other causes.....		2	..	2	3	7	3	1	..	..	11
Totals.....		70	26	21	9	126	54	41	27	34	282

		M.	F.	Total.
Nett Births in the year	{ legitimate	1368	1395	2763
	{ illegitimate	65	73	138
				2901

		M.	F.	Total.
Nett Deaths in the year of	{ legitimate infants	153	103	256
	{ illegitimate infants	13	13	26

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DEATHS REGISTERED UNDER ONE YEAR OF AGE  
DURING EACH MONTH OF THE YEARS 1911-1920.

Month.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
January.....	23	29	16	31	32	25	25	19	14	24
February.....	27	27	26	33	23	30	23	28	31	31
March.....	24	33	40	32	19	36	24	26	25	41
April.....	27	21	24	36	22	21	14	15	14	36
May.....	27	17	31	26	28	15	11	15	13	21
June.....	20	22	24	20	22	19	12	12	12	14
July.....	19	25	19	19	16	15	6	18	17	20
August.....	116	17	37	19	26	14	10	10	7	20
September....	54	18	52	44	33	13	8	8	11	19
October.....	40	14	42	30	35	21	14	8	11	14
November....	22	37	36	20	24	22	20	18	18	19
December.....	39	16	33	29	29	38	14	24	21	23
Totals.....	438	276	380	339	309	269	181	201	194	282
Infantile Mortality per 1,000 Births.....	172	109	146	124	127	121	96	112	98	97
Total Rainfall....	29.25	38.67	29.62	35.71	33.67	31.90	26.43	38.54	31.79	37.46
Maximum Tempera- ture of 4ft. earth Ther- mometer....	59	55	55	57	56	57	56	56	56	54

## Notification of Births Acts and Maternity and Child Welfare.

The Notification of Births Act of 1907 was adoptive in the first instance but became compulsory on all Authorities in 1915. Your Council, however, appreciating that it formed the basis of work in connection with infant welfare, adopted the Act from the earliest period that it could come into operation, namely : March 1908.

By this Act notification is required within 36 hours after the child is born so that help and advice can be rendered by the Health Authority at a time when it is most necessary, namely : within the first few days of the child's life.

As the Act imposes the duty of notification on more than one person, in many cases duplicate notifications are received in respect of the same birth.

In the cases attended by midwives I have as far as possible insisted on notification by the midwives, as in these cases a visit from the Health Visitors follows as a routine measure.

A considerable number of births are notified by Medical Men, and a few by the fathers of the children to whom a card is handed by the Doctor with a request to notify.

It is satisfactory to record that 97.7 per cent. of the total births occurring in the Borough were notified under this Act.

The births were notified as follows :—

By Midwives.....	2415
By Medical Practitioners.....	674
By other persons.....	96
Number of cases not notified.....	67

The district work is carried out by five Health Visitors of whom two hold the certificate of the Royal Sanitary Institute, and three are trained nurses holding the Central Midwives Board Certificate. During the year they have made 11,871 visits of which 8252 were in connection with births notified. 691 visits were paid to cases of non-notifiable infectious diseases, such as measles, whooping cough, mumps, etc.

**OPHTHALMIA NEONATORUM.**—This is an infectious disease of the eyes occurring in newly born infants, as the result of infection during the child's birth, causing inflammation and discharge from the eyes and in many cases, if not properly treated, leading to partial or total blindness.

The number of cases of this disease notified to the Department during the year was 65, and of these 57 cases were treated by the Health Visitors of the Department, the treatment given in such cases being in accordance with the directions given by the Doctor in attendance.

1,309 visits in all were made to cases of ophthalmia neonatorum and the majority of the cases yielded satisfactorily to treatment, only 6 cases being subsequently sent to the Manchester Royal Eye Hospital.

The number of visits to expectant mothers was 216 of which 154 were first-visits and 62 re-visits. In each case a handbill is left giving practical information to the prospective mother concerning herself and the baby.

205 lectures on Infant Hygiene were given by the Health Visitors during the year to the elder girls in the Elementary Schools, as compared with 247 in the previous year.

Ten cases of measles were nursed by the District Nursing Association under the arrangement made with the Corporation; although the same arrangement exists in respect to summer diarrhoea no cases were dealt with by the District Nurses.

**MUNICIPAL WELFARE CENTRE.**—The first Municipal Welfare Centre to be established by the Corporation was opened at 125, Great Portwood Street on the 17th August.

The Centre is open on two afternoons each week for weighings and consultations. In addition, one afternoon is devoted to a Mothers' Class. All the Mothers who attend with their babies for weighing are encouraged to attend this Class where instruction is given in all branches of mothercraft, including the cutting-out and the making-up of baby garments of suitable material and design.

The premises which have been efficiently furnished and equipped constitute an admirable Welfare Centre, and the steadily increasing attendance of mothers and babies, from all parts of the Borough, is sufficient evidence of its value and popularity, testifying to the necessity for the establishment of similar Centres in certain other areas of the town as soon as practicable.

The Centre was formally inspected by the Mayor and Mayoress, and by the Members of the Maternity and Child Welfare Committee on the 14th September.

A rota of voluntary lady helpers, consisting of members of the 60th Cheshire V.A.D. and other ladies, has been formed to assist at the Centre. Very valuable help has thus been rendered, and the regularity with which each member attends, as well as the great interest taken in the branch of the work assigned to her, is much appreciated.

The number of sessions for weighings and consultations held from the 17th August to the end of the year was 37, and the average attendance for weighings, etc., was 22.

The summary of the work done is as follows:—

Total attendances.....	830
Number entered.....	155
Medical consultations.....	193
Total weighings.....	634

Mothers who attend the Centre regularly have the privilege of purchasing dried milk and Virol, when ordered, at a price considerably lower than the usual retail price.

The voluntary Welfare Organisation at Churchgate House, and the branch Centre in connection with it at Reddish, have also done a large amount of excellent child welfare work during the year.

The following is a summary of the work done at these Centres :—

	Churchgate House.		Reddish.
New children attended.....	429	..	78
Total number of weighings.....	3366	..	459
Number of medical consultations.	1973	..	254
Number of maternity cases.....	8	..	—

Arising out of a Circular from the Ministry of Health recommending a contribution from the Local Authority to Voluntary Centres which co-operate with Municipal schemes, the Maternity and Child Welfare Committee resolved to grant £100 each year towards the cost of administration of Churchgate House.

MILK (MOTHERS AND CHILDREN) ORDER, 1919.—During the year advantage has been taken of the Milk (Mothers and Children) Order, 1919, which gives power to the Local Authority to supply expectant and nursing mothers, and children under five years of age, with food or milk in necessitous cases either free or at less than cost-price. The quantity of milk is prescribed by the Medical Officer of Health.

The following scale of necessity was adopted by the Town Council with regard to the distribution of cow's milk or dried milk :—

Milk or Dried Milk is granted free where the average income of the family does not exceed 6/- per head.

Dried Milk at half cost-price is granted where average income of the family is between 6/- and 7/- per head.

Dried Milk at cost-price is granted where average income is between 7/- and 8/- per head.

The average income is calculated after deducting the rent from the total income of the family.

The cases dealt with together with the cost are as follows :—

#### FREE MILK.

Number of cases dealt with.....	74
Total number of pints supplied.....	6608
Total cost.....	£148 12s. 0d.

#### DRIED MILK.

Number of cases dealt with.....	148
Quantity supplied :—	
Free.....	1819 lbs.
Half cost-price.....	521 „
Total cost.....	£242 8s. 0d.

In addition 2162 lbs. of Dried Milk were supplied at cost-price, which is considerably lower than that at which it may be obtained elsewhere.

YEAR 1920.

The following table gives the feeding of infants at 3 months of age and their condition of health :—

	BREAST-FED.		PARTIALLY BREAST-FED.		ARTIFICIALLY-FED.	
	HEALTHY.	DELICATE.	HEALTHY.	DELICATE.	HEALTHY.	DELICATE.
1903 to 1907	4230 or 97.4% 4342	112 or 2.6% 4342	366 or 77.6% 472	106 or 22.4% 472	582 or 42.8% 1360	778 or 57.2% 1360
1908 to 1912	6616 or 97.3% 6871	255 or 2.7% 6871	700 or 81.5% 859	159 or 18.5% 859	786 or 52.6% 1493	707 or 47.4% 1493
1913 to 1917	2954 or 96.6% 3060	106 or 3.4% 3060	449 or 82.1% 547	98 or 17.9% 547	620 or 57.9% 1070	450 or 42.1% 1070
1918	559 or 97.6% 573	14 or 2.4% 573	76 or 85.4% 89	13 or 14.6% 89	221 or 73.7% 300	79 or 26.3% 300
1919	692 or 97.3% 711	19 or 2.7% 711	115 or 89.1% 129	14 or 10.9% 129	225 or 76.8% 293	68 or 23.2% 293
1920	768 or 97.7% 786	18 or 2.3% 786	152 or 81.3% 187	35 or 18.7% 187	353 or 86.9% 406	53 or 13.1% 406

## Supervision of Midwives.

During the year 41 Midwives gave notice of their intention to practise within the Borough. These include six at the Union Hospital and one at the Workhouse. Three Midwives live outside the Borough but as they attended certain cases within the Borough they were requested to give notice of their intention to practise within the Borough.

The qualification of the Midwives who practise in the Borough are as follows :—

Possessing Certificates from the Obstetrical Society of London.....	3
Possessing Certificates from a recognised Hospital..	4
Having passed the examination of the Central Midwives' Board.....	24
Enrolled by virtue by having been in bona-fide practice as Midwives a year prior to the passing of the Act.....	10
Total.....	41

The extent of their practice may be seen from the following numbers :—

Number of cases attended by Midwives alone....	1718
Number of cases attended by Midwives together with a Doctor.....	800

During the year 4 midwives attended more than 200 cases each and 7 midwives attended more than 100 cases each, in some of which a Medical Man was also in attendance. 3 Midwives did not attend any cases except in co-operation with a Doctor.

In every case of difficulty the Midwife must summon medical assistance and notify the Medical Officer of Health that this has been done.

During the year the number of notifications of sending for medical assistance and the conditions for which help was required was as follows :—

Post-partum Hæmorrhage....	4	Varicose Veins.....	1
Ante-partum Hæmorrhage...	6	Eclampsia.....	2
Adherent Placenta.....	6	Condition of Child.....	24
Abnormal Labour.....	1	Condition of Mother.....	11
Delayed Labour.....	25	Skin Disease.....	2
Ruptured Perineum.....	42	Malformation of Child.....	2
Instruments.....	10	Ophthalmia Neonatorum....	29
Premature Labour.....	18	Rise of Temperature.....	9
Placenta Prævia.....	2		
Contracted Pelvis.....	15	Total.....	227
Mal-presentation.....	18		

In accordance with the regulations of the Central Midwives' Board the following notices have also been received from the Midwives :—

Artificial Feeding.....	26
Still-births.....	40
Deaths occurring in practice.....	2
Liability to be a source of infection.....	3
Having laid out a dead body.....	1

Under the Midwives' Act of 1918, which came into operation at the beginning of 1919, Section 14 requires the Local Authority to pay the Practitioners' fee when called in by a Midwife in an emergency, according to a scale which was fixed by the Local Government Board, and the Local Authority is empowered to recover the fee from the patient, or her husband, or other person liable to maintain her, unless it is shown to the satisfaction of the Authority that the patient or her husband or such other person is unable by reason of poverty to pay such fee.

The number of accounts rendered by Medical Practitioners in respect of the 227 cases in which a Doctor had been called in by the Midwife during the year was 21, amounting to the sum of £25 12s. 0d. In only two of these cases was the fee recovered from the patient, amounting to the sum of £1 4s. 6d.

## Isolation Hospitals

The accommodation for infectious diseases at Dialstone Lane Hospital consists of 77 beds, taking a standard of 2,000 cubic feet per patient. Owing to the prevalence of scarlet fever and diphtheria it has been found necessary to accommodate a larger number of patients than this throughout the greater part of the year.

Whitehill Hospital has again been sanctioned by the Ministry of Health (with the proviso that it shall be evacuated in the event of an outbreak of smallpox) for the accommodation of tuberculosis patients, 31 beds being available.

During the year Dialstone Lane Hospital has been taxed to its utmost capacity to accommodate the large number of patients requiring Hospital treatment. 673 cases of infectious disease have been admitted, of which 510 were scarlet fever cases and 160 cases of diphtheria. Allowing for the patients in the Hospital at the beginning of the year this gives a total number of 767 patients treated in the Hospital during the year 1920, which is the largest number dealt with during any one year; the previous largest figure being 709 patients in 1915.

Of the 762 cases of scarlet fever notified during the year, 510, or 67 per cent., were removed to the Isolation Hospital, and of the 315 cases of diphtheria, 160, or 51 per cent., were admitted.

Six deaths from scarlet fever occurred at the Hospital, giving a case-mortality of 1.1 per cent., as compared with 2.1 per cent. last year.

Fifteen deaths from diphtheria occurred, giving a case-mortality of 9 per cent., as compared with 7.3 per cent. in the previous year.

Three cases of typhoid fever were admitted, one of which ended fatally.

The high-pressure steam disinfector of Messrs. Goddard, Massey and Warner, which had been in use at the Hospital since the year 1893, was inspected and found to be in such a state of disrepair that it was not practicable to put it in order, and having regard to the fact that although still in use it might completely break down at any time, the Committee decided to purchase two "Velox" high-pressure steam disinfectors made by the Grampian Engineering Co., of Sterling. These have been tested and can be coupled in series with the steam when required. The combined capacity of these disinfectors is equal to that of the old disinfector and is ample for the needs of the Borough, but it will be an economy to be able to use either one or both according to the quantity of articles to be disinfected.

During the year 11,500 articles have been disinfected by steam at the Hospital.

Dr. James Worthington has attended the Hospital as Deputy Medical Superintendent during the year, and the Hospital has been maintained in a high state of efficiency by the Matron and Staff.

The following table gives the number of cases dealt with by the Isolation Hospital during the past year :—

<i>Name of Disease.</i>	<i>In Hospital 1st Jan., 1920</i>	<i>Admitted.</i>	<i>Recovered and Discharged</i>	<i>Died.</i>	<i>In Hospital 31st Dec., 1920</i>
Scarlet Fever...	87	510	510	6	80
Typhoid Fever .	—	3	2	1	—
Diphtheria.....	7	160	142	15	10
Other Causes....	—	—	—	1	—
Totals.....	94	673	654	23	90

### Accommodation of Smallpox.

The Stockport Corporation have entered into an agreement with Hyde Corporation whereby 4 beds are retained at the Hyde Smallpox Hospital for the isolation and treatment of cases occurring in Stockport.

YEAR 1920.

## CASES TREATED FROM 1901 TO 1920 INCLUSIVE, IN THE ISOLATION HOSPITAL.

	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
Smallpox.....	1	57	89	159	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0
Scarlet Fever....	403	318	371	271	120	81	265	386	438	175	150	199	132	374	626	355	92	146	314	597
Typhus.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enteric.....	38	18	1	14	23	23	18	18	14	8	7	6	21	17	23	15	24	17	11	3
Diphtheria.....	1	2	2	1	2	0	5	3	7	14	14	17	44	27	57	55	26	69	73	167
Other Diseases...	1	0	1	0	1	1	0	1	0	0	0	1	1	0	3	7	13	2	3	0
Totals.....	444	395	464	445	147	105	289	409	461	197	171	223	198	418	709	432	155	234	401	767

**Expenditure on Hospital Account.**

DIALSTONE LANE HOSPITAL.

April 1st, 1920, to March 31st, 1921.

	£	s.	d.	£	s.	d.
Salaries, Wages and Professional Services of						
Locum Tenens.....	3545	18	0			
National Insurance.....	46	3	11			
Surveyor's Assistants' Wages.....	86	0	10			
Gratuities for Staff and Toys for Patients.....	28	4	0			
Matron's Uniform Allowance.....	7	10	0			
Food, Stimulants and Drugs.....	3653	18	2			
Heating, Lighting and Water.....	1830	2	8			
Rates and Tithe Rent Charge.....	639	6	3			
Repairs and Alterations.....	285	2	10			
Flannel, Drapery, Beds, Bedding and Material for Indoor Uniforms.....	140	11	9			
Stationery, Printing, Advertising and Stamps..	40	7	2			
Cleaning Materials.....	69	17	0			
Cutlery, Crockery and Kitchen Utensils.....	69	15	9			
Ironmongery and Repairs.....	8	3	6			
Insurance Premium.....	71	4	4			
Oil, Tallow and Waste.....	13	0	0			
Telephone Rent.....	10	5	0			
Gardener's Tools, Shrubs, Seeds, &c.....	19	15	11			
Electric Wiring and Lamps.....	124	18	11			
Disinfectant.....	25	0	0			
Petty Cash.....	30	12	8½			
Repairs to Heating Apparatus.....	237	0	0			
Disinfector.....	244	4	0			
Painting.....	489	5	10			
Annual Contribution towards Capital Expenditure on Buildings.....	250	0	0			
Motor Ambulance (Chassis and Body).....	1120	15	0			
Repairs to Ambulances (including Tyres).....	168	12	4			
Petrol and Accessories for Motor Ambulance...	111	17	4			
Insurance of Ambulances.....	28	15	0			
Driver's Uniform.....	9	19	6			
Capital Charges.....	1274	4	9			
Miscellaneous.....	43	5	10			
	<hr/>			14723	18	3½
INCOME :—						
Disinfecting.....	58	0	6			
Maintenance of Patients.....	91	4	0			
Sale of Ambulance, &c.....	13	0	0			
	<hr/>			162	4	6
	<hr/>			£14561	13	9½

## HOSPITAL AGREEMENTS.

Hyde Corporation—Retaining Fee for 4 Beds (Smallpox)...	£50	0	0
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TREATMENT OF TUBERCULOSIS.  
April 1st, 1920, to March 31st, 1921.

WHITEHILL HOSPITAL.

	£	s.	d.	£	s.	d.
Expenses re Sanatoria :—						
Salaries, Wages and Professional Services of						
Locum Tenens.....	1175	3	5			
National Insurance.....	11	17	4½			
Food and Stimulants.....	1611	2	1			
Drugs and Chemicals.....	177	17	10			
Heating, Lighting and Water.....	338	3	5			
Rates and Taxes.....	89	5	0			
Repairs and Alterations.....	185	18	0			
Rent of Telephone and Trunk Fees.....	12	3	6			
Insurances.....	18	15	3			
Material for Indoor Uniforms.....	24	10	0			
Stationery, Printing, Advertising and Stamps..	21	1	4			
Brushes, Baskets, Soap, Soda, &c.....	27	2	6			
Cutlery, Crockery and Kitchen Utensils.....	7	5	11			
Ironmongery.....	1	9	0			
Flannel, Drapery, Bedding, &c.....	145	6	9			
Surveyor's Assistants' Wages.....	36	18	2			
Seeds, Manure, &c.....	2	11	5			
Removing Clothes.....	13	0	0			
Butter Muslin.....	71	5	4			
Painting.....	414	19	3			
Petty Cash.....	7	7	10½			
Two Hot Water Heaters.....	96	0	0			
Miscellaneous.....	6	5	0			
Capital Charges.....	45	0	0			
				4540	8	5
Proportion of Expenses of County Joint Sanatoria						
Committee.....	80	0	0			
Expenses attending Conferences.....	14	14	3			
Fares of Patients to Sanatoria.....	12	16	9			
Cost of Beds at—						
Ormerod Convalescent Home, St. Annes-						
on-Sea.....	150	0	0			
Cranham Lodge Sanatorium.....	2097	18	5			
Wensleydale Sanatorium.....	234	13	4			
Westmoreland Sanatorium.....	292	10	0			
Treatment and Maintenance of Patients at						
Eastby Sanatorium.....	143	2	1			
				3025	14	10
Carried forward.....				7566	3	3

£ s. d.      £ s. d.  
Brought forward..... 7566   3   3

DISPENSARY :—

Salaries, Wages, &c.....	1203	14	11			
National Insurance.....	5	15	11½			
Cleaning Utensils.....	3	17	8			
Medical Requisites and Drugs.....	415	4	0			
Heating, Water and Electricity.....	48	3	5			
Insurance.....	4	0	0			
Rent and Rates.....	48	12	6			
Rent of Telephone and Trunk Fees.....	7	5	0			
Petty Cash.....	52	13	5			
Stationery, Books, Printing and Stamps.....	18	15	9			
Repairs.....	50	2	7			
Materials for Nurses' Uniforms.....	16	3	3			
Nurses' Coats.....	13	16	0			
Miscellaneous.....	3	1	3			
				1891	5	8½
				9457	8	11½

INCOME :—

Stockport Insurance Committee :—

Treatment of Insured Persons.....	1200	0	0
„ Ex-Service Men.....	363	1	10

Cheshire County Council :—

Contribution towards upkeep of Dispensary	40	0	0
	1603	1	10
	£7854	7	1½

NOTE :—Half of this Expenditure borne by the Ministry of Health.

The following is a statement of the receipts received for the treatment of patients, and of the total nett cost of maintenance of the Corporation Hospitals during the last eleven years :—

Receipts for Treatment of Patients.				Nett Cost of Maintenance.			
Year.	£	s.	d.	Year.	£	s.	d.
1910.....	47	0	0	1910.....	2302	6	6½
1911.....	34	18	0	1911.....	2425	3	2
1912.....	18	7	6	1912.....	2490	0	4
1913.....	15	4	0	1913.....	3302	12	3
1914.....	125	12	6	1914.....	5035	8	7
1915.....	144	17	2	1915.....	9155	14	5
1916.....	568	1	4	1916.....	7378	6	1
1917.....	467	4	5	1917.....	8582	12	7½
1918.....	332	18	11	1918.....	9498	11	5
1919.....	161	0	0	1919.....	12276	10	9
1919-20.....	91	4	0	1919-20.....	19494	0	2½

**Bacteriological Examinations.**

During the year 481 specimens have been forwarded to Professor Delépine, Director of the Public Health Laboratory, Manchester, for examination. Of these 17 were from suspected typhoid fever cases, 376 from doubtful diphtheria cases and 92 from suspected cases of Phthisis.

The results obtained on such bacteriological examinations are given in the accompanying table :—

	<i>Total.</i>		<i>Positive.</i>
Typhoid.....	17	..	4
Diphtheria.....	376	..	140
Phthisis.....	92	..	17
	<hr/>		<hr/>
Totals.....	485	..	161
	<hr/>		<hr/>

In addition 5 other investigations were made.

WEEKLY MEANS OF OBSERVATIONS AT THE BOROUGH  
METEOROLOGICAL OBSERVATORY, STOCKPORT.

Latitude 53° 24' 12" N.

Longitude 2° 9' 14" W.

Cistern of Barometer 261-56 feet and top of Raingauge 185.7 feet above  
Mean Sea-level.

1920.	Thermometers.		Average daily Rain- fall.	1920.	Thermometers.		Average daily Rain- fall.
	Underground.				Underground.		
	1 Foot.	4 Feet.			1 Foot.	4 Feet.	
1st week	37.8	43.3	.14	27th week	55.6	53.0	.24
2nd    ,,	40.1	42.6	.10	28th    ,,	56.0	53.0	.02
3rd    ,,	41.6	43.0	.12	29th    ,,	57.0	54.0	.16
4th    ,,	39.1	43.0	.19	30th    ,,	55.0	54.0	.30
5th    ,,	40.0	43.0	.03	31st    ,,	55.3	53.5	.14
6th    ,,	40.8	42.1	.20	32nd    ,,	55.7	53.5	.05
7th    ,,	41.5	43.0	.20	33rd    ,,	55.2	53.8	.06
8th    ,,	39.5	43.0	.02	34th    ,,	55.3	53.0	.03
9th    ,,	42.1	43.0	.10	35th    ,,	53.7	53.0	.12
10th   ,,	40.1	43.0	.08	36th    ,,	54.3	53.0	.03
11th   ,,	41.1	43.0	.04	37th    ,,	54.2	53.0	.18
12th   ,,	43.1	43.0	.11	38th    ,,	51.3	53.0	—
13th   ,,	46.0	44.3	.19	39th    ,,	52.8	52.8	.07
14th   ,,	44.3	45.0	.13	40th    ,,	53.2	53.0	.13
15th   ,,	45.6	45.0	.14	41st    ,,	52.2	53.0	.01
16th   ,,	46.1	45.0	.09	42nd    ,,	49.7	52.0	.01
17th   ,,	46.5	45.8	.28	43rd    ,,	47.2	51.7	—
18th   ,,	47.0	46.0	.18	44th    ,,	46.0	50.8	.04
19th   ,,	48.5	46.1	.05	45th    ,,	47.5	50.0	.03
20th   ,,	49.6	47.0	.12	46th    ,,	46.2	50.0	.07
21st   ,,	55.3	48.5	.28	47th    ,,	43.0	49.0	.02
22nd   ,,	54.5	50.0	.03	48th    ,,	—	—	—
23rd   ,,	53.6	50.6	.04	49th    ,,	—	—	—
24th   ,,	56.6	51.0	.14	50th    ,,	—	—	—
25th   ,,	56.6	52.0	.05	51st    ,,	—	—	—
26th   ,,	57.0	52.8	.33	52nd    ,,	—	—	—

From the 48th week to the 1st week in January, 1921, the situation of  
the Station was changed, and no readings were taken.

## Limewash Brushes.

Section 46 of the Public Health Act, 1875, requires the owner or occupier of any house, any part of which is in a filthy or unwholesome condition, to limewash, cleanse, and purify the same. Facilities are granted to the poorest people for this purpose by the almost gratuitous loan of limewashing brushes by the Cleansing Department. As the cost of the limewashing is a very small one, there is no reasonable excuse for any of the poorest dwellings being in an unwholesome and filthy condition. These limewash brushes are loaned at a charge of 1d. per day.

Appended is a statement of the income and expenditure for the past nine years :—

<i>Year.</i>	<i>Income.</i>				<i>Expenditure.</i>		
	£	s.	d.		£	s.	d.
1912-13.....	8	5	0	..	6	15	0
1913-14.....	7	14	4	..	6	15	0
1914-15.....	9	0	5	..	9	0	0
1915-16.....	5	16	2	..	4	10	0
1916-17.....	4	3	0	..	3	7	6
1917-18.....	6	2	3	..	6	3	6
1918-19.....	12	2	3	..	9	9	0
1919-20.....	18	13	10	..	7	4	0
1920-21.....	15	13	7	..	10	17	3

## Paving, Sewering, &c.

I am indebted to the Borough Surveyor for a statement giving the amount of paving, sewerage, etc., carried out by his Department during the year under review :—

1. No back passages were paved and sewered.
2. Length of sewers laid—177 lineal yards.
3. One vertical shaft ventilator was closed.
4. No surface sewer ventilators were closed.
5. Lineal yards of old sewers taken up and relaid—67.
6. Nine cellar areas were closed for purposes of street improvements.
7. No houses were demolished for purposes of street improvements.
8. 54 water-closets erected in connection with new buildings.
9. 24 houses were built during the year.
10. 101 houses in course of erection at the end of the year.

## Housing.

GENERAL HOUSING CONDITIONS IN THE DISTRICT.—The approximate number of dwelling-houses in the Borough at the end of the year, as ascertained from the Rates Department, is 30,806.

Twenty-four new houses were completed during the year and there were 101 houses in process of erection at the end of December, 1920.

Of the 30,806 houses it is estimated that upwards of 29,000 are let at a rental of less than £25 per annum.

With the present estimated population of 130,635 the average number of persons per house is 4.24. This figure does not indicate the population of many of the smaller houses in the Borough and a considerable number of cases of overcrowding exists, several such cases having been brought to the notice of the Health Department during the year. It is, however, not possible to serve notices or take any proceedings against these cases until more adequate accommodation is available.

**GENERAL STANDARD OF HOUSING IN THE DISTRICT.**—The general standard of individual houses in the District may be said to be reasonable satisfactory, although in some of the more congested and older portions of the Borough there is need for considerable improvement.

There are at present in the Borough approximately 880 back-to-back houses and 240 single houses which cannot be considered fit for habitation. It is possible to render the back-to-back houses suitable for habitation by converting each pair into a through ventliated four-roomed dwelling-house, but it is clear that such action cannot be taken until accommodation is provided for the tenants who would be displaced by such alteration.

During the year a considerable amount of work has been carried out in the way of maintaining houses in a condition reasonably fit for occupation. The majority of this work has been carried out by the Landlord on receiving intimation from the Housing Inspector that certain work was required to be done. Where, however, the Landlord refuses to comply with the Notice from the Housing Inspector, a Notice under Section 28 of the Housing and Town Planning Act, 1919, is served on the Owner to execute the necessary work.

Below is a detailed statement of the work carried out during the year :—

Number of Dwelling-houses inspected.....	2558
„ Dwelling-houses inspected and recorded under the Housing (Inspection of District) Regulations, 1910...	1011
„ Houses dealt with by the Housing Committee.....	92
„ Houses represented not reasonably fit for habitation..	66
„ Closing Orders made.....	14
„ Houses closed voluntarily.....	10
„ Demolition Orders.....	27
„ Houses demolished voluntarily.....	5
„ Back-to-back Houses made through.....	—
„ Houses made habitable.....	39
„ Closing Orders determined.....	—
„ Houses repaired without notice.....	565
„ Actions taken under Section 28.....	51
„ Repairs executed under Section 28.....	39
„ Preliminary Notices served.....	518
„ Houses repaired after preliminary notice.....	392
„ Visits made by Inspector during progress of works....	6200

One area consisting of 27 houses was represented under Part II. of the Housing of the Working Classes Act, 1890, with a view to carrying out an improvement scheme.

Sites in connection with the housing scheme have been obtained in the following districts :—Dialstone Lane, Edgeley, Cheadle Heath, and Reddish.

At the time of writing, on the site adjoining Dialstone Lane, Lowndes Lane, and Mile End Lane, 83 houses are in course of building and 8 are ready for occupation. On the Edgeley site 8 houses are already occupied and 19 are in course of erection, and at Cheadle Heath 19 houses are in course of construction.



SUMMARY OF HOUSING WORK DONE DURING 1920.

SITUATION OF PROPERTY.	Houses Inspected.	Representations.*	Closing Orders Made.	Closed Voluntarily.	Demolition Orders.	Demolished Voluntarily.	Houses Made Habitable.	Back-to-Back Houses Made Through	Dealt with by Housing Committee.	Closing Orders Determined.	Action under Section 28	Repairs Executed after Notice under Section 28.	Voluntarily Repaired without Notice.	Preliminary Notices Served.	Repairs Completed after Preliminary Notice.
110, Great Egerton Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
28-36, Gorsey Brow Street.....	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..
6-10, Gorsey Mount Street.....	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..
246-260, Heaton Lane.....	7	..	..	..	..	..	..	..	..	..	..	..	7	..	..
31, Hallam Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
75, Hesketh Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
179, Higher Hillgate.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
3, Hall's Court (Cellar).....	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..
8, Hobson Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2-8, Harwood Street.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
66, Hatherlow Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
154, Brinksway.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
32-34, Hindley Street.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
7, Holborn Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
21, Jennings Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
8-12, Johnson Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
26, John Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
23-53, Kendall Street.....	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23-25, King Street West.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	2
4-12, Kendall Street.....	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..
1-21, Kendall Street.....	11	..	..	..	..	..	..	..	..	..	..	..	11	..	..
17, Kingston Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
55, King Street West.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
8, King Street West.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
26, Lower Bury Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
50-56, Lloyd Street.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
1-3, Lancaster Street.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
2-8, Laurel Street.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
49-51, Lloyd Street.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	2
29, Luton Road.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
14, Lord Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
2, Lyndale Avenue.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
1, Larnsdale Avenue.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
30-32, Larkhill Road.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
17a-19, Lord Street.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
1, Longson Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
13-19, Lowe Street.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
127, Liverpool Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
1, Lee Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
33-35 and 47, Liverpool Street..	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
1-15, Lord Street.....	8	..	..	..	..	..	..	..	..	..	..	..	8	..	..
6, Lonsdale Avenue.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
6-18 and 22, Lowe Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
29, Middle Hillgate.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
4, Mottram Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
77-83, Middle Hillgate.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
57-59, Mellor Street.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
2, Michael Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
148-150, Manchester Road.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
225-237, Manchester Road.....	7	..	..	..	..	..	..	..	..	..	..	..	..	7	7
2, Malvern Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
10, Mount Street.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	2
3, Harrison's Court.....		..	..	..	..	..	..	..	..	..	..	..	..	1	1
4, Marshall Street.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..
31, Newbridge Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
1-9, Jones Square.....	5	..	..	..	..	..	..	..	..	..	..	..	..	5	5
201, Newbridge Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2, Newbridge Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
52a-62, Newbridge Lane.....	13	..	..	..	..	..	..	..	..	..	..	..	13	..	..
2-14, Bateson Street.....		..	..	..	..	..	..	..	..	..	..	..	..	1	1
22, Newton Street.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..
9-21, Newton Street.....	7	..	..	..	..	..	..	..	..	..	..	..	7	..	..
307-351, Newbridge Lane.....	23	..	..	..	..	..	..	..	..	..	..	..	..	23	23
69-71, Newbridge Lane.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
18-32, Newbridge Lane.....	10	..	..	..	..	..	..	..	..	..	..	..	..	10	10
2a-2, Mary Street.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..
8, Nicholson Street.....		..	..	..	..	..	..	..	..	..	..	..	1	..	..
41, Norwood Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
10, Norbury Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
108-110, Newbridge Lane.....	9	..	..	..	..	..	..	..	..	..	..	..	9	..	..
57-61, Old Road.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
240-242, Old Road.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
138-142, Old Road.....	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..
154-162, Old Road.....	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..
1, Organ Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
84-88, Oxford Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
8, Oxford Grove.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
85a, Old Road.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
2, Pump Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
46-48, Parsonage Street.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
64-70, Parsonage Street.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
6, Pearson's Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2, Plough Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
22, Pitt Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
55, Providence Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
8, Pitt Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
10-14, Queen Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
48, Queen Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
20, Rosecoe Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
14-18, Rose Court.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
37-43, Travis Brow.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
28, Randolph Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
12-14, Rosemary Lane (Cellars)..	2	2	2	..	..	..	..	..	2	..	..	..	..	..	..
25-35, Robinson Street.....	6	..	..	..	..	..	..	..	..	..	..	..	..	6	6
47, Ratcliffe Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
8, Royal George Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
30-32 and 36, Reuben Street...	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
34-54, Read Street.....	11	..	..	..	..	..	..	..	..	..	..	..	11	..	..
132, Reddish Road.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
57-73, Reddish Road.....	8	..	..	..	..	..	..	..	..	..	..	..	8	..	..
412, Reddish Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
110-112, Range Road.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
30, Ratcliffe Street.....	6	..	..	..	..	..	..	..	..	..	..	..	..	6	6
4-12, Bailey Street.....		..	..	..	..	..	..	..	..	..	..	..	..	1	1
Rock Cottage.....		..	..	..	..	..	..	..	..	..	..	..	..	3	3
25, 30-32, Rowland Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
17-21, Sheffield Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
1, Station Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
6, Stanley Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
38-46, Swann Street.....	10	..	..	..	..	..	..	..	..	..	..	..	..	10	10
7-8-9-10, Knowles' Court.....		..	..	..	..	..	..	..	..	..	..	..	..	..	..
90-102, Stockport Road.....		..	..	..	..	..	..	..	..	..	..	..	7	..	..
116, Shaw Heath.....															

## SUMMARY OF HOUSING WORK DONE DURING 1920.

SITUATION OF PROPERTY.	Houses Inspected.	Representations.	Closing Orders Made.	Closed Voluntarily.	Demolition Orders.	Demolished Voluntarily.	Houses Made Habitable.	Back-to-Back Houses Made Through.	Dealt with by Housing Committee.	Closing Orders Determined.	Action under Section 28.	Repairs Executed after Notice under Section 28.	Voluntarily Repaired without Notice.	Preliminary Notices Served.	Repairs Completed after Preliminary Notice.
Under 28, Union Street.....	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..
Under 21, Union Street.....	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..
Under 49, Union Street.....	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..
Under 27-29, Union Street.....	2	2	2	..	..	..	..	..	2	..	..	..	..	..	..
Under 20, Union Street.....	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..
48, Upper Brook Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
30, Upper Brook Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
47-59, Victory Street.....	7	..	..	..	..	..	..	..	..	..	..	..	..	7	7
1-17, Vaughan Road.....	9	..	..	..	..	..	..	..	..	..	..	..	..	9	9
56-92, Weston Street.....	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
56, Wood Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
71, Wellington Road North.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
33-35, Water Street.....	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..
39-57, Weston Street.....	10	..	..	..	..	..	..	..	..	..	..	..	10	..	..
4, Weston Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
29, Welcroft Street.....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
5, Wilmslow Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
3-11, Withens Row.....	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..
6-12, Water Street.....	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..
4-12, Whitehill Street.....	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..
1-2, Widdow's Court.....	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..
11, Smith Street.....															
149, Wellington Road North.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
45, Wellington Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
2 and 4, Westminster Avenue...	2	1	..	..	..	..	1	..	1	..	1	1	..	2	2
18, Westminster Avenue.....	1	1	..	..	..	..	1	..	1	..	1	1	..	1	1
1-3, York Street.....	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..
4-18, Bannister Street.....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1-15, Fogg Street.....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
138-144, Higher Hillgate.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1-1a, 2, Floral Court.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
92, Bangor Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
28, Gorsey Brow Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
1-4, Ormesher's Court.....	..	..	..	..	21	..	..	..	21	..	..	..	..	..	..
1-9, Pollitt's Court.....															
7-21, Duke Street.....															
38, Liverpool Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
29, Avenue Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
71-79, Richardson Street.....	5	..	..	..	..	..	..	..	..	..	..	..	..	5	..
48, School Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
12, Stringer's Place.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
19, Station Road.....	1	1	..	..	..	..	1	..	1	..	1	1	..	1	1
36, Brighton Avenue.....	1	1	..	..	..	..	1	..	1	..	1	1	..	1	1
31, Stanhope Street.....	1	1	..	..	..	..	1	..	1	..	1	1	..	1	1
109, Stockport Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
72, Edward Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
20, Crowther Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
37, Liverpool Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
23, Bolton Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
3, Gordon's Court.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
31, Liverpool Street.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
61, Farr Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
12, Turncroft Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
43, Liverpool Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
31, Liverpool Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
63, Old Road.....	1	1	..	..	..	..	1	..	1	..	1	1	..	1	..
148, Buxton Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
73, John Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
7-9, Watson Square.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53, Carrington Field Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
13, Shaw Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
29-35, Bury Street.....	4	..	..	..	..	..	..	..	..	..	..	..	..	4	..
27, Bury Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
69, Queen Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
45-67, Athens Street.....	12	..	..	..	..	..	..	..	..	..	..	..	..	12	..
114 and 118, Buxton Road.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
17-19, Mahood Street.....	2	2	..	..	..	..	..	..	2	..	2	..	..	2	..
20, Emily Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
1, Hobson Street.....	1	1	..	..	..	..	..	..	1	..	1	..	..	1	..
6, Hopwood's Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
81, Lower Hillgate.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
17, Chapel Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
69, Sheffield Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
364-366, Buxton Road.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
46-50, Manchester Road.....	3	3	..	..	..	..	..	..	3	..	3	..	..	3	..
33, Heathside Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
20-24, School Street.....	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..
40-48, James Street.....	4	..	..	..	..	..	..	..	..	..	..	..	..	4	..
51, Penny Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
2 and 4, Pass Court.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
5, Orme Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
71, New Zealand Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
1-4, Burrow's Court.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2, Mount Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
4-6, Priest Street.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
23, Brighton Avenue.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
22-24, Higher Bury Street.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
304, Gorton Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
36-42, Dialstone Lane.....	4	4	..	..	..	..	..	..	4	..	4	..	..	4	..
11, Higher Bridge Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
14, Short Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
80-82, Richardson Street.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
5, Cooper's Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
158, Brinksway.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
15, Greek Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
53, Brook Street West.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1, Cromford Court.....															
2-12, Adswood Terrace.....	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43-45, Higher Hillgate.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36, Hawkins Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4, Hooley's Court.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
10, Short Street East.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
236, Heaton Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
2-20, Rhyl Street.....	10	..	..	..	..	..	..	..	..	..	..	..	..	10	..
40-52, Providence Street.....	7	..	..	..	..	..	..	..	..	..	..	..	..	7	..
27, Yule Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
2-16, Welcroft Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
13, Broadstone Hall Road.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
51, Upper Brook Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
3, Stringer Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
18-34, Robinson Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
14, Queen Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
52, Queen Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
17, Pool Lane.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20, Great Portwood Street.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
79-81, Park Lane.....	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..
1-5, Northcote Street.....	3	..	..	..	..	..	..	..							



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